









LIST

OF THE

SPECIMENS

OF

BRITISH ANIMALS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

---

PART V. — LEPIDOPTERA.

BY

JAMES FRANCIS STEPHENS, F.L.S., P.E.S.

---

LONDON:

~~5720~~  
C2-23  
PRINTED BY ORDER OF THE TRUSTEES.

1856.



591,942

B 862.6.9.

(Pt. 5.)

---

LONDON:

PRINTED BY EDWARD NEWMAN,

9, DEVONSHIRE STREET, BISHOPSGATE.

---

SL NO. 088016

18875

## INTRODUCTION.

---

THE object of the present Catalogue has been to give a complete list of all the Lepidopterous Insects that have been recorded as found in Great Britain, indicating at the same time those species that are contained in the Collection, which, since the death of Mr. Stephens, has been enriched by the Cabinet of that Author, containing all the typical species described in his Works.

Great pains have been taken to ascertain every name, which has been applied to the respective species and their varieties, the author of the same, and the date of publication; the references to such names as are unaccompanied by descriptions being included in parentheses: all are arranged chronologically, excepting those to the illustrations and to the figures, which invariably follow their authorities. With these exceptions it has not been attempted to give the synonymy, from the impracticability of so doing, within moderate limits; they

## INTRODUCTION.

may be found quoted at length, up to the period of its publication, in Mr. Stephens' 'Systematic Catalogue of British Insects,' 8vo, 1829.

The species in the British Museum Collection are indicated by the letters B.M., annexed.

This Edition has been carefully revised, and brought up to the present state of the Science, by Messrs. H. T. STANTON and EDWIN SHEPHERD, so well known for their attention to this part of British Entomology.

JOHN EDWARD GRAY.

*British Museum,*

*May 1, 1856.*

CATALOGUE  
OF  
BRITISH LEPIDOPTERA.

---

CLASS INSECTA HAUSTELLATA.

ORDER LEPIDOPTERA.

§ 1. RHOPALOCERA.

*Rhopalocera*, *Boisduval*, *L.* 162, 1836.

*Ropalocères*, *Dum. C.* 222, 1823.

*Lep.*—*Diurna*, *Lat. G.* iv. 186, 1809.

Family 1. PAPILIONIDÆ.

*Papilionidæ*, *Leach*, *E. E.* ix. 127, 1815.

Sub-Family I. PAPILIONIDI.

*Papilionidi*, *Step. MSS.*

*Papilionidæ*, *Dup. C.* 21, 1846.

Genus 1. PAPILIO

*Papilio* *Auctorum.*

*Amaryna*, *Dalm. P. S.* 86, 1816, 1.

3. JASONIDES, *Hüb. V.* 83, 1816, 9.

## 1. PAPILIO MACHAON. The Swallow-tailed. B. M.

*Papilio Machaon*, *Linn. S. Nat.* i. 462, 1758. *Step. H.* i. 6, 1827. *West. & H. B.* t. 1, f. 1, 1840.

*Papilio Reginæ*, *Retz. G.* 30, 1783.

Var. a. *Papilio Sphyrus*, *Hüb. Pa.* t. 155, f. 775—6, 1822.

Var. b. *Engram. Pap. d' Eur.* ii. 273, t. 70, *Sup.* 16, f. 68, 1780.

## Sub-F. II. RHODOCERIDI.

*Rhodoceridi*, *Step. MSS.*

*Rhodoceridæ*, *Dup. C.* 26, 1846.

*Pierides*, p., *West. G.* 87, 1839.

## 2. GONEPTERYX.

*Gonepteryx*, *Lea. E. E.* ix. 127, 1815.

*Ganoris*, p., *Dalm. P. S.* 89, 1816, 1.

*Anteos*, *Hüb. V.* 99, 1816, 9.

*Rhodocera*, *Bois. L.* i. 597, 1836.

*Gonopteryx*, *Bois. (L.)* i. 598, 1836).

*Goniapteryx*, *West. G.* 87, 1839.

## 1. GONEPTERYX RHAMNI. The Brimstone. B. M.

*Papilio Rhamni*, *Linn. S. Nat.* i. 470, 1758. *Lew. B. B.* t. 31, f. 1—4, 1795.

*Gonepteryx Rhamni*, *Step. H.* i. 8, 1837.

*Papilio canicularis*, *Retz. G.* 30, 1783.

Var. a. *Gonepteryx Rhamni*, *Cur. B. E.* iv. t. 173, 1827.

## 3. COLIAS.

*Colias*, *Fab.—Ill. M.* vi. 284, 1807.

*Eurymus*, *Swain. Z. I.* 2, ser. fo. 60, 1832.

*Ganyra*, *Dalm. MSS.* ?

a. COLOTIS, *Hüb. V.* 97, 1816.

## COLIAS EDUSA. The Clouded Yellow.

B. M.

*Papilio Edusa*, *Fab. M.* ii. 23, 1787.

*Colias Edusa*, *Step. H.* i. 12, 1827.

*Papilio croceus*, var. a. *Four. E. P.* ii. 250, 1785.

*Papilio Hyale*, *Don. B. I.* ii. 17, t. 43, f. *Sup.* 1793, &c.

*Papilio Electra*, *Lew. B. B.* 68, t. 32, 1795.

Var. a. *Papilio Helice*, *Hüb. Pa.* 2, 87, f. 440.

*Papilio Edusa-alba*, *Haw. (Pr.* 2, 1802).

Var. b. *Colias Crysothème*, *Step. H.* i. 11, t. 2\*, f. 1, 2, 1827.

Var. c. *Colias Myrmidone*, *West. & H. B.* 130, t. 42, f. 1—3, 1841.

♂. *Colias Edusa*, *Wing.—Tr. Ent. S.* v. 119, t. 14, f. 2, 1849.

b. *XERENE*, *Hüb. V.* 96, 1816.

2. *COLIAS HYALE*. The Pale Clouded Yellow.

B. M.

*Papilio Hyale*, *Linn. S. Nat.* i. 469, 1758.

*Colias Hyale*, *Step. H.* i. 13, 1827. *Cur. B. E.* v. t. 242, 1829.

*Papilio Palæno*, *Esp. S.* i. 68, t. 4, f. 2, 1777.

### Sub-F. III. PIERIDI.

*Pieridi*, *Step. MSS.*

*Pieridæ*, *Dup. C.* 23, 1846.

### 4. APORIA.

*Aporia*, *Hüb. V.* 90, 1816.

*Pieris*, *C. p.*; *Schr. F. B.* ii. 1, 164, 1801.

*Pontia*, *p., Fab.—Ill. M.* vi. 283, 1807.

*Leuconea*, *Donz.—Dup. C.* 24, 1846.

1. *APORIA CRATÆGI*. The Black-veined White.

B. M.

*Papilio Cratægi*, *Linn. S. Nat.* i. 467, 1758.

*Pieris Cratægi*, *Step. H.* i. 27, 1827. *Cur. B. E.* viii. t. 360, 1831.

*Papilio nigrovenosus*, *Retz. G.* 30, 1783.

### 5. PIERIS.

*Pieris*, *C. p.*; *Schr. F. B.* ii. 1, 164, 1801.

*Pontia*, *Fab.—Ill. M.* vi. 283, 1807.

*Ganoris*, *p., Dalm. P. S.* 86, 1816, 1.

*Catophaga*, *Hüb. V.* 93, 1816, 9.

### a. PIERIS.

1. *PIERIS BRASSICÆ*. The Great White Cabbage.

B. M.

*Papilio Brassicæ*, *Linn. S. Nat.* i. 467, 1758. *Leu. B. B.* 56, t. 25, f. 1—5, 1795.

*Pontia Brassicæ*, *Step. H.* i. 15, 1827.

Var. a. *Pontia Chariclea*, *Step. H.* i. 17, t. 3, f. 1, 2, 1827.

Var. b. *Pontia Brassicae*, *Plant.—Zool.* ii. 471, f. adj. 1844.

2. *PIERIS RAPÆ*. The Small White Cabbage. B. M.

*Papilio Rapæ*, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 58, t. 28, f. 1—5, 1795.

*Pontia Rapæ*, *Step. H.* i. 16, 1827.

Var. a. *Papilio Nelo*, *Bork. P. E. S.* i. 127, 1788.

Var. b. *Pontia Metra*, *Step. H.* i. 19, 1827. *West. & H. B.* 26, t. 5, f. 5, 6, 1840.

3. *PIERIS NAPI*. The Green-veined White. B. M.

*Papilio Napi*, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 60, t. 27, f. 1—5, 1795.

*Pontia Napi*, *Step. H.* i. 20, 1827.

*Papilio Napææ*, *Esp. S. i. Sup.* 119, t. 116, *Cont.* 71, f. 5, 1800.

Var. a. *Pontia Sabellioæ*, *Step. H.* i. 22, t. 3, f. 3, 4.

Var. ♀. *Pieris Bryoniæ*, *Goda. E. M.* ix. 162, 1819.

*Ingram. Pap. d'Eur.* ii. 292, t. 77, *Sup.* 23, f. 104, a—c. 1780.

b. *MANCIPIUM*, *Hüb. olim.* ?

*Synchloë*, *Hüb. V.* 94, 1816.

4. *PIERIS DAPLIDICE*. The Green-chequered White. B. M.

*Papilio Daplidice*, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 62, t. 29, f. 1—3, 1795.

♂. *Pontia Daplidice*, *Step. H.* i. 22, 1827.

*Papilio Edusa*, *Fab. G. M.* 255, 1777.

6. *EUCHLOE*.

*Euchloë*, *Hüb. V.* 94, 1816.

*Anthocharis*, *Bois. L.* 556, 1836.

1. *EUCHLOE CARDAMINES*. The Orange-tip. B. M.

*Papilio Cardamines*, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 64, t. 30, f. 1—5, 1795.

*Pontia Cardamines*, *Step. H.* i. 23, 1827.

♂. *Anthocharis Cardamines*, *Wing.—Tr. Ent. S.* v. 119, t. 14, f. 3, 1849.

## 7. LEUCOPHASIA.

*Leucophasia*, *Step. H.* i. 24, 1827.

*Leptosia*, p., *Hüb.* V. 95, 1818.

*Leptoria*, *West. & H. B.* 31, 1840.

*Ganoris*, *Zett. I. L.* 915, 1840.

1. *LEUCOPHASIA SINAPIS.* The Wood White.

B. M.

*Papilio Sinapis*, *Linn. S. Nat.* i. 468, 1758.

*Leucophasia Sinapis*, *Step. H.* i. 24, 1827. *Doub. D. L.* i. 1.  
5, f. 6, 1847.

*Papilio candida*, *Retz. G.* 30, 1783. \*

*Leptosia Lathyri*, *Hüb.* (V. 95, 1816).

*Leucophasia Loti*, *Ren. Cons.* 4, 1832.

Var. a. *Papilio Erysimi*, *Bork. E. S.* i. 132, 1788.

Var. b. *Leucophasia Dinensis*, *Dup. C.* 26, 1846.

## Fam. II. NYMPHALIDÆ.

*Nymphalidæ*, *Swain.—Phil. M.* i. 187, 1827.

## Sub-F. I. SATYRIDI.

*Satyridi*, *Step. MSS.*

*Satyridæ*, *Bois. L.* 166, 1836.

*Satyri*, *Latr. G.* iv. 194, 1809.

*Hipparchia*, *Step. H.* i. 53, 1827.

## 8. ARGE.

*Argæ*, *Esp. S. i. Sup.* 19, 1800?

1. *ARGE GALATHEA.* The Marbled White.

B. M.

*Papilio Galathea*, *Linn. S. Nat.* i. 474, 1758. *Leu. B. B.* 52,  
2, 28, f. 1—4, 1795.

*Hipparchia Galathea*, *Step. H.* i. 57, 1828.

*Maniola Galathea*, *Schra. F. B.* ii. 1, 170, 1801.

Var. a. *Argæ Leucothoë\**, *Step. MSS. Marshal.—Zool.* 471, 1844.



## 9. LASIOMMATA.

*Lasiommata*, West. & H. B. 65, 1840.

a. PARARGE, Hüb. V. 59, 1816.

1. LASIOMMATA ÆGERIA. The Speckled Wood. B. M.

*Papilio Ægeria*, Linn. S. Nat. i. 473, 1758. *Lew. B. B.* 42, t. 19, f. 1—4, 1795.

*Hipparchia Ægeria*, Step. H. i. 54, 1827.

b. DYRA, Hüb. V. 59, 1816.

2. LASIOMMATA MEGÆRA. The Wall. B. M.

*Papilio Megæra*, Linn. S. Nat. ii. 771, 1767. *Lew. B. B.* 46, t. 21, f. 1—5, 1795.

*Hipparchia Megæra*, Step. H. i. 55, 1827.

*Papilio Mæra*, Berk. S. i. 125, 1788.

Var. a. *Engram. Pap. d'Eur.* ii. t. 65, Sup. ii. f. 50, g, h. 1780.

## 10. HIPPARCHIA.

*Hipparchia*, Fab.—Ill. M. vi. 281, 1807.

*Satyrus*, Bois. I. M. 2 ed. 30, 1840.

a. EUMENIS, Hüb. V. 58, 1816.

1. HIPPARCHIA SEMELE. The Grayling. B. M.

*Papilio Semele*, Linn. S. Nat. i. 474, 1758. *Lew. B. B.* 38, t. 17, f. 1—5, 1795.

*Hipparchia Semele*, Step. H. i. 56, 1827.

b. EPINEPHILA, Hüb. V. 59, 1816.

2. HIPPARCHIA JANIRA. The Meadow Brown. B. M.

*Papilio Janira*, Linn. S. Nat. i. 475, 1758. *Lew. B. B.* 40, t. 18, f. 1—5, 1795.

*Hipparchia Janira*, Step. H. i. 59, 1828.

♀. *Papilio Jurtina*, Linn. S. Nat. i. 475, 1758.

Var. a. *Engram. Pap. d'Eur.* ii. 2, lxvi. Sup. xii. f. 54, l, m, 1782.

C. PYRONIA, *Hüb. V.* 55, 1816.

3. HIPPARCHIA TITHONUS. The Gate Keeper. B. M.

*Papilio Tithonus*, *Linn. Mant.* i. 537, 1771. *Lew. B. B.* 48, t. 22, f. 1—5, 1795.

*Hipparchia Tithonus*, *Step. H.* i. 58, 1828.

*Papilio Pilosellæ*, *Fab. S. E.* ii. 497, 1775.

*Papilio Herse*, *Schiff. (W. V.)* 320, 1776.

*Papilio Phædra*, *Esp. S.* i. 120, t. ix. f. 1, 1777.

*Papilio Amaryllis*, *Bork. E. S.* i. 80, 1788.

*Papilio Tithonius*, *Vill. E.* ii. 26, 1789.

11. ENODIA.

*Enodia*, *Hüb. V.* 61, 1816.

1. ENODIA HYPERANTHUS. The Ringlet. B. M.

*Papilio Hyperanthus*, *Linn. S. Nat.* i. 471, 1758. *Lew. B. B.* 44, t. 20, f. 1—5, 1795.

*Hipparchia Hyperanthus*, *Step. H.* i. 60, 1828.

*Papilio Polymeda*, *Scop. C.* No. 434, 1763.

Var. a. *Papilio Vidua*, *Müll. F. F.* 36, 1764.

*Hipparchia Hyperanthus*, *West. & H. B.* 70, t. 20, f. 7, 1841.

Var. b. *Papilio Arete*, *Müll. F. F.* 36, 1764.

*Papilio Polymeda*, *Hüb. Pa.* t. 38, f. 173\*.

12. EREBIA.

*Erebia*, *Dalm. P. S.* 81, 1816.

*Melania*, *Sodoff.—Bull. S. I. Mosc.* 8, 1837.

*Oreina*, *West. & H. B.* 76, 1840.

a. EPIGEA, *Hüb. V.* 62, 1816.

\*1. EREBIA LIGEA. The Scarce Scotch Argus. B. M.

*Papilio Ligea*, *Linn. S. Nat.* i. 467, 1758.

*Hipparchia Ligea*, *Step. H.* i. 61, t. 6, f. 1—3, 1828.

*Papilio Alexis*, *Linn. F.* No. 787, 1746.

2. EREBIA BLANDINA. The Scotch Argus. B. M.

*Papilio Blandina*, *Fab. M.* ii. 41, 1787.

*Hipparchia Blandina*, *Step. H.* i. 62, 1828.

*Oreina Blandina*, *West. & H. B.* 77, t. 23, f. 5—10, 1841.

*Papilio Medea*, *Schiff.* (*W. V.* 167, 1776) non *Fab.*) *Hüb.*  
*Pa.* t. 48, f. 220—222.

*Papilio Æthiops*, *Esp. S.* i. 312, t. 25, *Sup. i.* f. 3, 1777.

*Papilio Medusa*, *Bork. E. S.* i. 235, 1788.

♀. *Papilio Alcyone*, *Stew. E.* 2 ed. ii. 132, 1818.

*Papilio Amaryllus*, *Walker, MSS.*

Var. *a.* *Oreina Blandina*, var. *Angl. West. & H. l. c.* f. 7.

Var. *b.* *Papilio Neoridas*, *Prey. B.* i. 110, t. 55, f. 3, 4, 1835?

b. *MELAMPIAS*, *Hüb. V.* 63, 1816.

3. *EREZIA CASSIOPE.* The Small Ringlet. B. M.

*Papilio Cassiope*, *Fab. E. S.* iii. 1, 238, 1793.

*Hipparchia Cassiope*, *Step. H.* i. 63, t. 8, f. 1—3, 1828.

*Papilio Melampus*, var., *Esp. S.* i. 2, 131, t. lxxviii., *Cont.*  
xxviii. f. 2, 1780.

*Papilio Æthiops minor*, *Vill. E.* ii. 37, 1789.

*Papilio Mnemon*, *Haw.—Ent. Tr.* i. 332, 1812.

Var. *a.* *Hipparchia Melampus*, *Newm.—Zool.* 729, 1844.

### 13. CÆNONYMPHA.

*Cænonympha*, *Hüb. V.* 65, 1816.

1. *CÆNONYMPHA DAVUS.* The Marsh Ringlet. B. M.

*Papilio Davus*, *Fab. G.* 259, 1776.

*Hipparchia Davus*, *S.* i. 67, t. 7, f. 1—3, 1828.

*Papilio Philoxenus*, *Esp. S.* i. 2, 25, t. 54, *Cont.* 4, f. 3, 1777.

*Maniola Tiphon*, *Schr. F. B.* ii. 1, 179, 1801.

Var. *a.* *Papilio Tullia*, *Müll. P. F. F.* 36, 1764.

*Papilio Iphis*, *Bork.—Rhein. M.* i. 241, 1793.

Var. *b.* *Papilio Musarion*, *Bork. E. S.* i. 92, 1788.

Var. *c.* *Papilio Polydama*, *Haw. L. B.* 16, 1803.

*Hipparchia Polydama*, *Step. H.* i. 147, t. 7, f. 3, 1828.

*Hipparchia Polymeda*, *Jerm.* 47, 1827.

Var. *d.* *Papilio Typhon*, *Haw. (Pr.* 2, 1802). *Id. L. B.* 16, 1803.

*Papilio Davus*, *Goda. L. F.* ii. 155, 1822.

• *Hipparchia Iphis?* *Step. H.* i. 64, 1828.

Var. *e.* *Papilio Laidion*, *Bork. E. S.* i. 91, 1788.

---

• *MEDEA.* *Papilio Medea*, *Fab. S. E.* 508, 1775. *Hab.* in India.

2. CÆNONYMPHA PAMPHILUS. The Small Heath. B. M.

*Papilio Pamphilus*, Linn. *S. Nat.* i. 472, 1758. *Law. B. B.*  
50, t. 23, f. 1—4, 1795.

*Hipparchia Pamphilus*, *Step. H.* i. 69, 1828.

*Papilio Menalcas*, *Scop. C.* No. 458, 1764.

*Papilio Nephele*, *Bork. E. S.* i. 87, 1788.

Sub-F. II. NYMPHALIDI.

Nymphalidi, *Step. MSS.*

Nymphalidæ, *Dup. C.* 8, 1846.

14. LIMENITIS.

*Limenitis*, *Fab.—Ill. M.* vi. 281, 1807.

*Limonitis*, *Dalm. P. S.* 64, 1816.

1. LIMENITIS SIBILLA. The White Admiral. B. M.

*Papilio Sibilla*, *Fab. S. E.* 512, 1775.

*Papilio Camilla*, *Law. B. B.* 18, t. 8, f. 1, 2, 1795.

*Limenitis Camilla*, *Curtis, B. E.* iii. 124, 1826. *Step. H.* i.  
62, 1827.

*Papilio Prorsa*, *Linn. M. U.* 303, 1764.

♂. *Papilio Sibilla*, *Linn. S. N.* ii. 781, 1767.

♀. *Papilio Camilla*, *Linn. S. N.* ii. 781, 1767.

Var. *a. Engram. Pap. d' Eur.* ii. 236, t. 57, *Sup. 3*, f. 13, *g, h*, 1780.

15. APATURA.

*Apatura*, *Fab.—Ill. M.* vi. 281, 1807.

*Doxocopa*, *Hüb. V.* 49, 1816.

*Apaturia*, *Sodoff.—Bull. S. I. Mosc.* 8, 1837.

1. APATURA IRIS. The Purple Emperor. B. M.

*Papilio Iris*, *Linn. S. Nat.* i. 476, 1758.

*Apatura Iris*, *Step. H.* i. 50, 1827. *Cur. B. E.* vii. t. 336,  
1831.

Sub-F. III. VANESSIDI.

Vanessidi, *Step. MSS.*

Vanessidæ, *Dup. C.* 6, 1846.

## 16. CYNTHIA.

*Cynthia*, *Fab.*—*Ill. M.* vi. 281, 1807.

*Vanessa*, *Hüb.* V. 33, 1816.

## 1. CYNTHIA CARDUI. The Painted Lady. B. M.

*Papilio Cardui*, *Linn. S. Nat.* i. 475, 1758. *Lew. B. B.* 20, t. 6, f. 1—4, 1795.

*Cynthia Cardui*, *Step. H.* i. 47, 1827.

## 17. VANESSA.

*Vanessa*, *Fab.*—*Ill. M.* vi. 281, 1807.

*Aglais*, *Dalm. P. S.* 65, 1816.

*Phanessa*, *Sodoff.*—*Bull. S. I. Mosc.* 7, 1837.

a. PYRAMEIS, *Hüb.* V. 33, 1816.

*Ammiralis*, *Ren. C.* 10, 1832.

## 1. VANESSA ATALANTA. The Red Admiral. B. M.

*Papilio Atalanta*, *Linn. S. Nat.* i. 478, 1758. *Lew. B. B.* 16, t. 7, f. 1—4, 1795.

*Vanessa Atalanta*, *Step. H.* i. 46, 1827.

*Papilio Ammiralis*, *Linn. F.* No. 777, 1746.

b. INACHIS, *Hüb.* V. 37, 1816.

## 2. VANESSA IO. The Peacock. B. M.

*Papilio Io*, *Linn. S. Nat.* i. 472, 1758. *Lew. B. B.* 12, t. 4, f. 1—4, 1795.

*Vanessa Io*, *Step. H.* i. 44, 1827.

Var. a. *Vanessa Ioides*, *Dahl. C. & L.* 1823, var. minor.

c. EUGONIA, *Hüb.* V. 36, 1816.

## 3. VANESSA ANTIOPA. The Camberwell Beauty. B. M.

*Papilio Antiopa*, *Linn. S. Nat.* i. 476, 1758.

*Vanessa Antiopa*, *Step. H.* i. 45, 1827.

*Vanessa Antiope*, *Curtis, B. E.* ii. t. 96, 1825.

*Papilio Morio*, *Linn. F.* No. 771, 1746.

4. *VANESSA POLYCHLOROS*. The Large Tortoise-shell. B. M.  
*Papilio Polychloros*, *Linn. S. Nat.* i. 477, 1758. *Lew. B. B.*  
 8, t. 2, f. 1—4, 1795.  
*Vanessa Polychloros*, *Step. H.* i. 42, 1827.  
 Var. a. *Papilio Pyrrhomelæna*, *Hüb. Pa.* t. 171, f. 845.  
 Var. b. *Papilio Testudo*, *Esp. S.* i. 2, 118, t. 63, *Cont.* 23, f. 1, 2.
5. *VANESSA URTICÆ*. The Tortoise-shell. B. M.  
*Papilio Urticæ*, *Linn. S. Nat.* i. 477, 1758. *Lew. B. B.* 10, t.  
 3, f. 1—4, 1795.  
*Vanessa Urticæ*, *Step. H.* i. 43, 1827.  
 Var. a. *Vanessa Xanthomelæna*, *Step. MSS.*  
*Vanessa Urticæ*, var. *West. & H. B.* 52, t. 13, f. 13, 1840.  
 Var. b. *Vanessa Ichneusioides*, *De Selys ? L. de B.* 31, 1844.

## 18. GRAPTA.

*Grapta*, *Kir. (F. B. A.* iv. 292, 1837).  
*Polygonia*, *Hüb. V.* 36, 1816.  
*Comma*, *Ren. C.* 8, 1832.

1. *GRAPTA C-ALBUM*. The Comma. B. M.  
*Papilio C-album*, *Linn. S. Nat.* i. 477, 1758. *Lew. B. B.* 14,  
 t. 5, f. 1—5, 1795.  
*Vanessa C-album*, *Step. H.* i. 42, 1827.  
*Papilio G-album*, *Four. E. P.* ii. 235, 1785.  
*Vanessa Comma-alba*, *Mill. B. E.* t. 1, f. 3, 1821.  
 Var. a. *Vanessa Melanosticta*, *Step. MSS.*  
*Papilio C-album*, *Hüb. Pa.* t. 125, f. 637, 638.

## Sub-F. IV. ARGYNNIDI.

*Argynnidi*, *Step. MSS.*  
*Argynnidæ*, *Dnp. C.* 2, 1846.

## 19. ARGYNNIS.

*Argynnis*, *Fab.—Ill. M.* vi. 283, 1807.

a. *ARGYRONOMÆ*, *Hüb. V.* 32, 1816.

1. *ARGYNNIS PAPHIA*. The Silver-washed Fritillary. B. M.  
*Papilio Paphia*, *Linn. S. Nat.* i. 481 1758. *Lew. B. B.* 22, t.  
 9, f. 1—4, 1795.

*Argynnis Paphia*, *Step. H.* i. 40, 1827.

*Papilio Imperator*, *Linn. F.* No. 779, 1746.

Var. *Papilio Paphia*, *Hüb. Pa.* t. 153, f. 767, 765.

♀. *Papilio Paphia*, *Hüb. Pa.* t. 190, f. 935, 936.

b. *ACIDALIA*, *Hüb. V.* 31, 1816.

2. *ARGYNNIS AGLAIA*. The Dark-Green Fritillary. B. M.

*Papilio Aglaia*, *Linn. S. Nat.* i. 481, 1758. *Lew. B. B.* 26, t. 11, f. 1—4, 1795.

*Argynnis Aglaia*, *Step. H.* i. 39, 1827.

Var. a. *Papilio Charlotta*,\* *Haw. L. B.* 32, 1803, var. *Sow. B. M.* i. t. 11, 1806.

*Papilio Caroletta*, *Jerm. B. C. V.* 2, ed. 107, 1827.

Var. b. *Papilio Emilia*,\* *Acerbi. V.* iii. 175, t. xv. f. 1, 2, 1804.

Var. c. *Argynnis Aglaia*,\* *Cur. B. E.* vii. t. 299, 1830.

Var. d.\* *Engram. Pap. d'Eur.* ii. 238, t. Iviii. *Sup.* iv. f. 16, t. l, 1782.

3. *ARGYNNIS ADIPPE*. The High Brown Fritillary. B. M.

*Papilio Adippe*, *Linn.*<sup>2</sup> *S. Nat.* i. 786, 1767. *Lew. B. B.* 24, t. 10, f. 1—4, 1795.

*Argynnis Adippe*, *Step. H.* i. 38, 1829.

*Papilio Cydippe*, *Linn. F.* ii. No. 1066, 1761.

c. *ISSORIA*, *Hüb. V.* 31, 1816.

4. *ARGYNNIS LATHONIA*. The Queen of Spain Fritillary. B. M.

*Papilio Lathonia*, *Linn. S. Nat.* i. 481, 1758. *Lew. B. B.* 28, t. 12, f. 1—4, 1795.

*Argynnis Lathonia*, *Step. H.* i. 36, 1827.

*Papilio Principissa*, *Linn. F.* No. 781, 1746.

*Papilio Latonia*, *Schiff. (W. V.)* 177, 1776).

*Papilio Lathona*, *Hüb. Pa.* t. 11, f. 59, 60.

d. *ARGYNNIS*, *Hüb. V.* 30, 1816.

5. *ARGYNNIS SELENK*. The Small Pearl-bordered Fritillary. B. M.

*Papilio Selene*, *Schiff. (W. V.)* 321, 1776).

*Melitæa Selene*, *Step. H.* i. 34, 1827.

*Papilio Euphrosyne*, var. *Scop. C.* No. 441, 1764.

*Papilio Matura*, *Berk. P. S.* i. 128, 1789.

*Papilio Euphrasia*, *Lew. B. B.* 30, t. 13, f. 3, 4, 1795.

*Papilio Silene*, *Haw. L. B.* 34, 1803.

Var. a. *Papilio Palca*, *Berg. N.* 31, t. 84, f. 6, 7, 1778.

Var. b. *Papilio Marphisa*, *Herbs. x.* 105, t. 270, f. 8, 9, 1795.

Var. c. *Papilio Rinaldus*, *Herbs. x.* 108, t. 271, f. 1, 2, 4, 1795.

6. ARGYNNIS EUPHROSYNÆ. The Pearl-bordered Fritillary. B. M.

*Papilio Euphrosyne*, *Linn. S. Nat.* i. 491, 1758. *Lew. B. B.* 30, t. 13, f. 1, 2, 1795.

*Melitæa Euphrosyne*, *Step. H.* i. 35, 1827.

*Papilio Princeps*, *Linn. F. No.* 327, 1746.

*Papilio argenticollis*, *Retz. G.* 31, 1783.

Var. a. *Papilio Euphrasia*, *Haw. MSS.*

Var. b. *Papilio Thalia*, *Hüb. Pa.* t. 11, f. 57, 58.

20. MELITÆA.

*Melitæa*, *Fab.—Ill. M.* vi. 28, 1807.

*Melinæa*, *Sodoff.—Bull. S. I. Mosc.* 7, 1837.

a. SCHÆNIS, *Hüb. V.* 28, 1816.

1. MELITÆA CINXIA. The Glanville Fritillary. B. M.

*Papilio Cinxia*, *Linn. S. Nat.* i. 480, 1758. *Lew. B. B.* 32, t. 14, f. 1—4, 1795.

*Melitæa Cinxia*, *Step. H.* i. 33, 1827.

*Papilio Pilosellæ*, *Esp. S.* i. 312, t. 47, f. 2, 1777.

*Papilio Abbacus*, *Retz. G.* 32, 1783.

*Papilio Delia*, *Hüb. Pa.* t. 2, f. 7, 8.

*Papilio Trivia*, *Schr. F. B.* ii. 1, 205, 1801.

b. CINCLIDIA, *Hüb. V.* 29, 1816.

2. MELITÆA ATHALIA. The Heath Fritillary. B. M.

*Papilio Athalia*, *Esp. S.* i. 377, t. xlvii., *Sup. xxiii.* 1777.

*Melitæa Athalia*, *Step. H.* i. 30, 1827.

*Papilio Maturna*, *Schiff. (W. V.)* 179, 1776).

*Papilio Dictynna*, *Lew. B. B.* 32, t. 14, f. 5—6, 1795.

Var. a. *Papilio ouneigera*, *Haw. MSS.*

Var. b. *Papilio Pyronia*,\* *Hüb. Pa.* t. 114, f. 585—88.

*Melitæa Pyronia*, *Step. H.* i. 31, t. iv. f. 1, 2, 1827.

*Papilio Eos*, *Haw. L. B.* 35, 1803.



Var. c. *Papilio tessellata*, *Pet. P. t.* 3, f. 11, 12, 1717.  
*Melitæa tessellata*, *Step. H. i.* 31, t. 5, f. 1, 2, 1827.

c. *MELITÆA*, *Hüb. V.* 28, 1816.

3. *MELITÆA ARTEMIS*. The Greasy Fritillary. B. M.

*Papilio Artemis*, *Schiff. (W. V.* 322, 1776). *Lew. B. B.* 34, t. 16, f. 1—4, 1796.

*Melitæa Artemis*, *Step. H. i.* 32, 1827.

*Papilio Maturna*, *Esp. S. i.* 209, t. xvi. f. 2, 1777.

*Papilio Lye*, *Bork. E. S. i.* 225, 1788.

*Papilio Matutina*, *Thunb. Diss.* iii. 45, 1791.

*Melitæa Cinxia*, *Dunc. B. B. t.* 14, f. 2 (*non desc.*), 1835.

Fam. III. ERYCINIDÆ.

Erycinidæ, *West. M. C. I.* ii. 347, 1840.

Erycinides, *Bois. L. i.* 164, 1836.

21. NEMEOBIUS.

*Nemeobius*, *Step. H. i.* 28, 1827.

*Hamearis*, p., *Hüb. V.* 19, 1816.

1. NEMEOBIUS LUCINA. The Duke of Burgundy Fritillary. B. M.

*Papilio Lucina*, *Linn. S. Nat.* i. 480, 1758.

*Nemeobius Lucina*, *Step. H. i.* 29, 1827.

*Hamearis Lucina*, *Cur. B. E.* vii. t. 316, 1830.

Fam. IV. LYCÆNIDÆ.

Lycænida, *Leach, E. E.* ix. 129, 1816.

Polyommata, *Swains.—Phil. M. i.* 187, 1827.

(Cupido, *Schr. F. B. ii.* 1, 183, 1801).

## 22. THECLA.

*Thecla*, *Fab.*—*Ill. M.* vi. 286, 1807.

*Zephyrus*, § *Aurotis*, *Dalm. P. S.* 90, 1816.

a. STRYMON, *Hüb. V.* 74, 1816.

## 1. THECLA BETULÆ. The Brown Hairstreak. B. M.

*Papilio Betulæ*, *Linn. S. Nat.* i. 482, 1758. *Lew. B. B.* 88, t. 42, 1795.

*Thecla Betulæ*, *Step. H.* i. 76, 1828.

## 2. THECLA PRUNI. The Dark Hairstreak. B. M.

*Papilio Pruni*, *Linn. S. Nat.* i. 482, 1758.

*Thecla Pruni*, *Step. H.* ii. 66, 1828. *Cur. B. E.* vi. t. 264, 1829.

*Papilio Prorsas*, *Hüfn. P.—Berl. M.* ii. 68, 1766.

*Thecla Spini*, *Brit. B.* 30, 1828.

## 3. THECLA W-ALBUM. The Black Hairstreak. B. M.

*Papilio W-album*, *Knoch. B.* ii. 85, 1782.

*Thecla W-album*, *Step. (H.)* ii. 66, 1828.

*Papilio Pruni*, *Bergs. N.* t. 71, f. 1, 2, 1778.

*Papilio W-Latinum*, *Lang. V.* ii. 46, 1780.

*Papilio Pruni*, *Lew. B. B.* 92, t. 44, f. 1, 2, 1795.

*Thecla Pruni*, *Step. H.* i. 77, 1828.

b. BITHYIA, *Hüb. V.* 75, 1816.

## 4. THECLA QUERCUS. The Purple Hairstreak. B. M.

*Papilio Quercus*, *Linn. S. Nat.* i. 482, 1758. *Lew. B. B.* 90, t. 43, 1795.

*Thecla Quercus*, *Step. H.* i. 76, 1828.

c. LYCUS, (Genus Coleopt.), *Hüb. V.* 74, 1816.

## 5. THECLA RUBI. The Green Hairstreak. B. M.

*Papilio Rubi*, *Linn. S. Nat.* i. 483, 1758. *Lew. B. B.* 92, t. 44, f. 3—6, 1795.

*Thecla Rubi*, *Step. H.* i. 78, 1828.

## 23. CHRYSOPHANUS.

*Chrysophanus*, *Hüb. V.* 72, 1816.

*Zephyrus*, § *Heodes*, *Dalm. P. S.* 92, 1816.

*Polyommatus*, *Boisd. F. M.* 10, 1829.

*Migonitis*, *Sodoff.—Bull. S. I. Mosc.* 8, 1837.

*Lycæna*, *Fab.—Step. H. i.* 79, 1828.

1. CHRYSOPHANUS PHLÆAS. The Copper. B. M.

*Papilio Phlæas*, *Linn. F. ii.* No. 1078, 1761. *Lew. B. B.* 86, t. 41, f. 3, 4, 1795.

*Lycæna Phlæas*, *Step. H. i.* 79, 1828.

Var. a. *Chlorophanus Phlæas*, var.\* *West. & H. B.* 94, t. 28, f. 8, 1841.

Var. b.\* *Engram. Pap. d'Eur. ii.* t. lxxii. *Sup. xviii.* f. 91, g, h.

\*2. CHRYSOPHANUS VIRGAURÆ. The Scarce Copper. B. M.

*Papilio Virgauræ*, *Linn. S. Nat. i.* 484, 1758. *Lew. B. B.* 86, t. 41, f. 1, 2, 1795.

*Lycæna Virgauræ*, *Step. H. i.* 83, 1828.

3. CHRYSOPHANUS CHRYSEIS. The Purple-edged Copper. B. M.

*Papilio Chryseis*, *Schiff. (W. V.)* 181, 1776). *Sow. B. M. i.* 27, t. 13, 1806.

*Lycæna Chryseis*, *Step. H. i.* 80, 1828.

*Papilio Eurydice*, *Bork. E. S. i.* 143, 1778.

*Papilio Hippothoë*, var. *Esp. S. i. Sup.* 38, t. c. *Cont. iv.* f. 2, 1793?

4. CHRYSOPHANUS HIPPOTHOË. The Dark Underwinged Copper. [B. M.]

*Papilio Hippothoë*, *Linn. P. F. ii.* No. 1046, 1761.

*Lycæna Hippothoë*, *Step. H. i.* 82, 1828.

5. CHRYSOPHANUS DISPAR. The Large Copper. B. M.

*Papilio dispar*, *Haw. (Pr.)* 3, 1802). *Id. L. B.* 40, 1803.

*Lycæna dispar*, *Cur. B. E. i.* t. 12, 1824. *Step. H. i.* 81, 1828.

*Papilio Hippothoë*, var. *Esp. S. i.* 1, 350, t. 38, *Sup.* 14, f. 1, 2, 1778.

*Papilio Hippothoë*, *Hüb. Pa. t.* 195, f. 966—968. (Var. *præc.* 7).

## 24. POLYOMMATUS.

*Polyommatus*, *Lut. R. A.* iii. 553, 1817.

*Zephyrus*, & *Cyaniris*, *Dalm. P. S.* 95, 1818.

*Lycæna*, *Boisd. I. M.* 2 edn. 10, 1840.

a. PITHECOPS; *Horsf. D. C.* i. 66, 1828.

## 1. POLYOMMATUS ARGIOIOLUS. The Azure Blue. B. M.

*Papilio Argiolus*, *Linn. S. Nat.* i. 483, 1758. *Lew. B. B.* 76, t. 36, f. 4—6, 1795.

*Polyommatus Argiolus*, *Step. H.* i. 85, 1828.

*Papilio Cleobis*, *Esp. S.* i. 360, t. xl., *Sup.* xvi. f. 3, 1778.

*Papilio Acis*, *Hüb. Pa.* t. 57, f. 272—274.

b. NOMIADES, *Hüb. V.* 67, 1816.

## 2. POLYOMMATUS ALSUS. The Small Blue. B. M.

*Papilio Alsus*, *Schiff. (W. V.)* 184, (1776). *Fab. M.* ii. 73, 1787. *West. & H. B.* 100, t. 31, f. 4—8, 1841.

*Polyommatus Alsus*, *Step. H.* i. 86, 1828.

*Papilio minimus*, *Esp. S.* i. 1, 338, t. 34, *Sup.* x. f. 3, 1778.

*Papilio Pseudolus*, *Bork. E. S.* i. 177, 1788.

## 3. POLYOMMATUS ACIS. The Mazarine Blue. B. M.

*Papilio Acis*, *Schiff. (W. V.)* 182, (1776).

*Polyommatus Acis*, *Step. H.* i. 86, 1828.

*Papilio semiargus*, *Bork. E. S.* i. 172, 1788.

*Papilio Cimon*, *Lew. B. B.* 80, t. 38, f. 6, 7, 1795.

*Papilio Argiolus*, *Hüb. Pa.* t. 56, f. 267—269.

## 4. POLYOMMATUS ARION. The Large Blue. B. M.

*Papilio Arion*, *Linn. S. Nat.* i. 483, 1758.

*Polyommatus Arion*, *Step. H.* i. 87, 1828. *West. & H. B.* 104, t. 32, f. 1—3, 1841.

Var. a. *Polyommatus Alcon*, *Step. H.* i. 88, 1828.

18875

c 3

c. AGRIMON, *Hüb. V.* 67, 1816.

## 5. POLYOMMATUS CORYDON. The Chalk-hill Blue. B. M.

*Papilio Corydon*, *Scop. E. C.* 179, 1764. *Lew. B. B.* 76, t. 36, f. 1—3, 1795.

*Polyommatus Corydon*, *Step. H.* i. 88, 1828.

♀. *Papilio Tiphys*, *Esp. S.* i. 26, t. 51, *Cont.* 1, f. 4, 1780?

Var. a. *Polyommatus Calæthis*, *Jerm. B. C. V.* 2 ed. 169, 1827.

## 6. POLYOMMATUS ADONIS. The Clifden Blue. B. M.

*Papilio Adonis*, *Schiff. (W. V.)* 184, 1776. *Lew. B. B.* 80, t. 38, f. 1—3, 1795.

*Polyommatus Adonis*, *Step. H.* i. 89, 1828.

*Papilio Bellargus*, *Esp. S.* i. 333, t. 32, *Sup.* 8, f. 3, 1778?

*Papilio Ceronus*, *Hüb. Pa.* t. 61, f. 295—297.

*Papilio Argus*, ♀, *Don. B. I.* iv. 75, t. 143, f. 1, 1795.

Var. a. *Papilio Hyacinthus*, *Lew. B. B.* 78, t. 78, f. 4—6, 1795.

*Polyommatus Dorylas*, *Step. H.* i. 90, 1828.

## 7. POLYOMMATUS ALEXIS. The Common Blue. B. M.

*Papilio Alexis*, *Schiff. (W. V.)* 184, 1776.

*Polyommatus Alexis*, *Step. H.* i. 91, 1828 (non *Fabr.*)

*Papilio Icarus*, *Vill. E.* ii. 74, 1789. *Lew. B. B.* 80, t. 38, f. 4, 5, 8, 1795.

*Papilio Argus*, *Berk. S.* i. 129, 1789.

*Lycæna Dorylas*, *Leach (E. E.)* ix. 129, 1815).

♀. *Papilio Thetis*, *Esp. S.* i. 335, t. 33, *Sup.* 9, f. 3, 1778?

Var. a. *Papilio Polyphemus*, *Esp. S.* i. 387, t. 50, *Sup.* 26, f. 2, 1778?

Var. b. *Polyommatus Lahienus*, *Jerm. B. C. V.* 58, 1825.

*Polyommatus Eros*, *Step. H.* i. 93, 1828.

♀. Var. *Polyommatus Lacon*, *Jerm. B. C. V.* 2 edit. 168, 1827.

♀. Var. a. *Polyommatus dubius*, *Kirby, MSS.*

♀. Var. b. *Polyommatus Icarus*; *Step. H.* i. 91, 1828.

Aber. *Polyommatus Thestylis*, *Jerm.* 2 edit. 167, 1827, aber.

♂. *Polyommatus Alexis*,\* *West. & H. B.* 109, t. 34, f. 11, 1841.

d. LYCÆIDES, *Hüb. V.* 69, 1816.

## 8. POLYOMMATUS EGON. The Silver-studded Blue. B. M.

*Papilio Egon*, *Schiff. (W. V.)* 185, 1776).

*Papilio Philonome*, *Bois.* 36, 1788.

*Papilio Alsus*, *Exp. S. i. Sup.* 46, t. 150, *Cont.* 56, f. 3—5, 1798.

*Papilio Argus*, *Lew. B. B.* 82, t. 39, f. 5, 6, 1795.

*Polyommatus Argus*, *Step. H. i.* 93, 1828.

Var. *a.* *Papilio maritimus*, *Haw. MSS.*

*Polyommatus Alcippe*, *Kirby, MSS.*

9. *POLYOMMATUS AGESTIS*. The Brown Argus.

B. M.

*Papilio Agestis*, *Schiff. (W. V.)* 184, 1776.

*Polyommatus Agestis*, *Step. H. i.* 94, 1828.

*Papilio Astrarche*, *Berg. N.* 49, 1778.

*Papilio Alexis*, *Hüfn.—Naturf.* vi. 10, 1779?

*Papilio Idas*, *Lew. B. B.* 82, t. 39, f. 1, 2, 1795.

♀. *Papilio Medon*, *Exp. S. i.* 330, t. 32, *Sup.* 8, f. 1, 1778?

10. *POLYOMMATUS SALMACIS*. The Dark Argus.

B. M.

*Polyommatus Salmacis*, *Step. H.* iii. 235, 1831.

*Wood, I. E.*

t. 3, f. 72 & 12, 1832. (Var. *præc.*?)

11. *POLYOMMATUS ARTAXERXES*. The Scotch Argus.

B. M.

*Hesperia Artaxerxes*, *Fab. E. S.* iii. 1, 297, 1793.

*West. & H.*

*E.* 116, t. 37, f. 4—6, 1841.

*Polyommatus Artaxerxes*, *Step. H. i.* 95, 1828.

Fam. V. *HESPERIDÆ*.

*Hesperidæ*, *Leach, E. E.* ix. 128, 1815.

(*Erynnis*, *Schr. F. B.* ii. 1, 152, 1801).

25. *PYRGUS*.

*Pyrgus*, *Hüb. V.* 109, 1816.

*Symmachia*, *Sodoff.—Bull. S. I. Mosc.* 9, 1837.

*Syrictus*, *Bois. I. M.* 2 edit. 35, 1840.

1. *PYRGUS ALVEOLUS*. The Grizzle.

B. M.

*Papilio Alveolus*, *Hüb. Pa.* t. 92, f. 466, 467.

*Thymeles Alveolus*, *Step. H. i.* 97, 1828.

*Papilio Malvæ* pars., *Linn. S. Nat.* i. 485, 1758.

*Papilio Malvæ minor*, *Esp. S.* i. 345, t. 36, *Sup.* 12, f. 5, 1778?

*Papilio Sao*, *Berg. N.* 67, t. 40, f. 8, 9, 1781?

*Hesperia Cardui*, *Godt. L. F.* i. 240, t. 126, f. 5, 1821.

*Pyrgus Malvæ*, *West. & H. B.* 120, t. 38, f. 1—6, 1841.

Var. a. *Hesperia Lavateræ*, *Fab. E. S.* iii. 1, 353, 1793.

*Papilio Althea*, *Bork. E. S.* i. 188, 1788.

*Papilio Fritillum*, *Lew. B. B.* 96, t. 46, f. 4, 5, 1795.

## 26. NISONIADES.

*Nisoniades*, *Hüb. V.* 108, 1816.

*Thanaos*, *Bois. I. M.* 2 ed. 37, 1840.

### 1. NISONIADES TAGES. The Dingy Skipper.

B. M.

*Papilio Tages*, *Linn. S. Nat.* i. 485, 1758.

*Thymale Tages*, *Step. H.* i. 98, 1828.

*Nisoniades Tages*, *West. & H. B.* 123, t. 38, f. 9—13, 1841.

## 27. CYCLOPIDES.

*Cyclopides*, *Hüb. V.* 111, 1816.

*Steropes*, *Bois. I. M.* 2 ed. 34, 1840.

### 1. CYCLOPIDES PANISCUS. The Chequered Skipper.

B. M.

*Hesperia Paniscus*, *Fab. S. E.* 531, 1775.

*Pamphila Paniscus*, *Step. H.* i. 100, 1828. *West. & H. B.* 124, t. 39, f. 6—9, 1841.

• *Papilio Brontes*, *Schiff. (W. V.)* 160, 1776).

## 28. PAMPHILA.

*Pamphila*, *Fab.—Ill. M.* vi. 287, 1807.

*Hesperia*, *Bois. I. M.* 2 ed. 34, 1840.

a. *THYMELICUS*, *Hüb. V.* 113, 1816.

*Thymelinus*, *West. & H. B.* 125, 1841.

### 1. PAMPHILA ACTÆON. The Lulworth Skipper.

B. M.

*Papilio Actæon*, *Esp. S.* i. 345, t. 36, *Sup.* 12, f. 4, 1778?

*Hesperia Actæon*, *Cur. B. E.* x. t. 442, 1833.

## 2. PAMPHILA LINEA. The Small Skipper. B. M.

*Papilio Linea*, Schiff. (*W. V.* 160, 1776).

*Pamphila Linea*, *Step. H.* i. 101, 1828. *West. & H. B.* 129, t. 41, f. 8—12, 1841.

*Papilio flavus*, Müll. *Z. D. Pr.* 115, 1776.

*Papilio Thaumus*, *Esp. S.* i. 344, t. 36, *Sup.* 12, f. 2, 3, 1778?

*Papilio Comma*, *Barb. G.* 178, 1780.

b. AUGIADES, *Hüb. V.* 112, 1816.

## 3. PAMPHILA SYLVANUS. The Large Skipper. B. M.

*Hesperia Sylvanus*, *Fab. E. S.* iii. 1, 326, 1793.

*Pamphila Sylvanus*, *Step. H.* i. 101, 1828. *West. & H. B.* 127, t. 40, f. 4—6, 1841.

*Papilio Comma*, *Scop. C.* No. 463, 1763.

*Papilio Melicerta*, *Bork. E. S.* i. 285, 1788.

## 4. PAMPHILA COMMA. The Pearl Skipper. B. M.

*Papilio Comma*, *Linn. S. Nat.* i. 484, 1758.

*Pamphila Comma*, *Step. H.* i. 103, 1828. *West. & H. B.* 128, t. 41, f. 1—4, 1841.

---



## § 2. HETEROCERA.

Heterocera, *Bois. L.* i. 39, 1836.

## Div. I. LEPIDOPTERA CREPUSCULARIA.

Lepidoptera Crepuscularia, *Latr. G.* iv. 209, 1809.

## Fam. I. ZYGÆNIDÆ.

Zygænidæ, *Leach, E. E.* ix. 131, 1815.

Anthroceridæ, *West. & H. M.* i. 27, 1842.

## 29. PROCRIS.

Procris, *Fab.—Ill. M.* vi. 289, 1807.

Atychia, *Och. E. S.* ii. 11, 1808.

Ino, *Leach, E. E.* ix. 131, 1815.

Aglaope, *Dalm. Sp. S.* 224, 1816.

## 1. PROCRIS STATICES. The Green Forester.

B. M.

Sphinx Statices, *Linn. S. Nat.* i. 495, 1758.

Ino Statices, *Step. H.* i. 105, 1828. *Cur. B. E.* ix. t. 396, 1832.

Sphinx Turcosa, *Retz. G.* 35, 1783.

Var. a. Ino Globulariæ, *Step. H.* i. 106, 1828.

Var. b. Sphinx Geryon, *Hüb. Sp.* t. 28, f. 130, 131.

Var. c. Sphinx micans,\* *Frey. N. B.* i. 27, t. 14, f. 1, 1833.

## 2. PROCRIS GLOBULARIÆ. The Scarce Forester.

B. M.

Sphinx Globulariæ, *Hüb. Sp.* t. 1, f. 1, 2, 1796. *Esp. S.* ii. Sup. 28, t. 43, Cont. 18, 1806.

Ino Globulariæ, *Wood, I. E.* t. 53, f. 19, ♂.

Sphinx Statices minor ———? *Naturf.* xxviii. 83, 1802.

Var. a. Sphinx Chloros,\* *Hüb. Sp.* t. 28, f. 128, 129.

## 30. ANTHROCERA.

Anthrocera, *Scop. I.* 414, 1777.

Zygæna (Genus Piscium), *Fab. S. E.* 550, 1775.

Thermophila, *Hüb. V.* 117, 1816.

1. **ANTHROCERA LONICERÆ.** The Large Five-spot Burnet. B. M.  
*Sphinx Loniceræ*, *Esp. S.* ii. 183, t. 24, *Sup.* 6, f. 1, a, b, 1780?  
*Sphinx Graminis*, *Vill. E.* ii. 115, 1789.  
*Anthrocera Loti*, *Step. H.* i. 109, 1828.  
 Var. a. *Anthrocera Meliloti*, *Step. H.* i. 107, 1828. *Wood, I. E.* ii. t. 4, f. 4, 1835. *West. & H. M.* i. 30, t. 8, f. 18, 1842.  
 Var. b. *Anthrocera Trifolii*, *Wood, I. E.* ii. t. 4, f. 3, 1835.
2. **ANTHROCERA TRIFOLII.** The Small Five-spot Burnet. B. M.  
*Sphinx Trifolii*, *Esp. S.* ii. 123, t. 34, *Cont.* 9, f. 4, 5, 1780?  
*Anthrocera Trifolii*, *Step. H.* i. 108, 1828.  
*Anthrocera Loti*, *West. & H. M.* i. 29, t. 6, f. 15, 16, 1842.  
*Sphinx Pratorum*, *Vill. E.* ii. 114, 1789.  
*Sphinx Triptolemus*, *Frey. N. B.* 28, t. 14, f. 4, 1833.  
 Var. a. *Sphinx Orobi*, *Hüb. Sp.* t. 29, f. 133, 1796.  
 Var. b. *Sphinx Glycirrhizæ*, *Hüb. Sp.* t. 38, f. 138, 1797.  
 Var. c. *Zygæna Loti*, *Haw. L. B.* 74, 1803.
3. **ANTHROCERA FILIPENDULÆ.** The Six-spotted Burnet. B. M.  
*Sphinx Filipendulæ*, *Linn. S. Nat.* i. 494, 1758.  
*Anthrocera Filipendulæ*, *Step. H.* i. 111, 1828.  
*Zygæna Filipendulæ*, *Cur. B. E.* xii. t. 547, 1835.  
 Var. a. *Sphinx Cythisi*, *Hüb. Sp.* t. 4, f. 26, 1796.  
 Var. b. *Anthrocera Hippocrepidis*, var. *Step. H.* i. 110, 1828.  
*Wood. I. E.* t. 4, f. 6, 1839.
4. **ANTHROCERA MINOS.** The Streaked Burnet. B. M.  
*Sphinx Minos*, *Wien. Verz. S.* 45, fam. G, f. (1776), *Hüb. Sp.* t. 2, f. 8, ♀.  
*Zygæna Minos*, *Ochs. S. E.* ii. 22. *Boisd. Zyg.* 29, t. 1, f. 7.  
*Zygæna Pythia*, *Fabr. Mant.* ii. 101.  
*Zygæna Scabiosæ*, *Fabr. Ent. Syst.* iii. 386.  
*Sphinx Pilosellæ*, *Esp. S.* ii. t. 24, f. 2. *Borkh. E. S.* ii. 25.  
*Sphinx Viciæ*, *Lang. Verz.* 67.  
*Sphinx purpuralis*, *Müll. Zool. Dan.* 116.  
*Anthrocera Minos*, *Newm. Zool.* 4180. *Stainton, Ent. Ann.* 1855, p. 40, front. f. 1.

## Fam. II. SPHINGIDÆ.

Sphingidæ, *Leach, E. E.* ix. 130, 1815.

## 31. SMERINTHUS.

*Smerinthus*, *Latr. H.* iii. 401, 1802.*Dilina*, *Dalm. Sp. S.* 205, 1816.*Bebroptera*, *Sodoff.—Bull. S. I. Mosc.* 10, 1837.a. PAONIAS, *Hüb. V.* 142, 1816.

## 1. SMERINTHUS OCELLATUS. The Eyed Hawk Moth. B. M.

*Sphinx ocellata*, *Linn. S. Nat.* i. 489, 1758.*Smerinthus ocellatus*, *Step. H.* i. 112, 1828. *West. & H. M.* i. 7, t. 1, f. 1—3, 1842.*Sphinx semipavo*, *Retz. G.* 34, 1783.*Sphinx Salicis*, *Hüb. Sp.* t. 16, f. 73, 1796.♂. *Smerinthus hybridus*,\* *Step. MSS.* *West. & H. M.* i. 7, t. 1, f. 10, 1842.b. POLYPTYCHUS, *Hüb. V.* 141, 1816.

## 2. SMERINTHUS POPULI. Poplar Hawk Moth. B. M.

*Sphinx Populi*, *Linn. S. Nat.* i. 489, 1758.*Smerinthus Populi*, *Step. H.* i. 112, 1828. *West. & H. M.* i. 8, t. 1, f. 4—6, 1842.*Smerinthus Tiliæ*, *Wood, I. E.* t. 3, f. 9, 1835.♂. —————\* *West. & H. M.* i. 7, t. 1, f. 10, *ut supra*.♂. *Smerinthus Populi*, *Wing.—Tr. E. Soc.* v. 119, t. 14, f. 4, 1849.c. MIMAS, *Hüb. V.* 142, 1816.

## 5. SMERINTHUS TILIÆ. Lime Hawk Moth. B. M.

*Sphinx Tiliæ*, *Linn. S. Nat.* i. 489, 1758.*Smerinthus Tiliæ*, *Step. H.* i. 113, 1828. *West. & H. M.* i. 8, t. 1, f. 7—9, 1842.*Smerinthus Populi*, *Wood, I. E.* t. 3, f. 8, 1835.Var. a. *Sphinx?* *Ulmi*, *Schunc (teste Bois. I. M.* 2 ed. 49, 1840).Var. b. *Engram. Pap. d'Eur.* iii. t. cxviii. f. 163, m, n.

## 32. ACHERONTIA.

*Acherontia*, *Och. S.* iv. 44, 1816.

*Brachyglossa*, *Bois. (I. M.)* 33, 1829).

1. ACHERONTIA ATROPOS. The Deaths' Head. B. M.  
*Sphinx Atropos*, *Linn. S. Nat.* i. 490, 1758.  
*Acherontia Atropos*, *Cur. B. E.* iv. t. 147, 1827. *Step. H.* i.  
 114, 1828.

## 33. SPHINX.

*Sphinx*, *Auct.*

*Spectrum*, *Scop. I.* 413, 177.

a. AGRIUS, *Hüb. V.* 140, 1816.

1. SPHINX CONVULVULI. The Convolvulus Hawk Moth. B. M.  
*Sphinx Convolvuli*, *Linn. S. Nat.* i. 490, 1758. *Step. H.* i.  
 119, 1828. *West. & H. M.* i. 12, t. 3, f. 1—3, 1842.

b. LETHIA, *Hüb. V.* 140, 1816.

2. SPHINX LIGUSTRI. The Privet Hawk Moth. B. M.  
*Sphinx Ligustri*, *Linn. S. Nat.* i. 490, 1758. *Step. H.* i. 121,  
 1828. *West. & H. M.* i. 13, t. 3, f. 4—6, 1842.

c. HYLOICUS, *Hüb. V.* 139, 1816.

3. SPHINX PINASTRI. The Pine Hawk Moth. B. M.  
*Sphinx Pinastri*, *Linn. S. Nat.* 492, 1758. *Step. H.* i. 121,  
 1828. *West. & H. M.* i. 14, t. 3, f. 7—9, 1842.

## 34. DEILEPHILA.

*Deilephila*, *Och. S.* iv. 42, 1816.

a. HYLES, *Hüb. V.* 137, 1816.

1. DEILEPHILA EUPHORBIAE. The Spotted Elephant. B. M.  
*Sphinx Euphorbiae*, *Linn. S. Nat.* i. 792, 1758.

*Deilephila Euphorbiæ*, *Cur. B. E.* i. t. 3, 1825. *Step. H.* i. 124, 1828.

2. *DEILEPHILA GALII*. The Galium Hawk Moth. B. M.

*Sphinx Galii*, *Schiff. (W. V.* 42, 1776).

*Deilephila Galii*, *Step. H.* i. 125, 1828. *West. & H. M.* i. 18, t. 4, f. 4, 5, 1842.

*Sphinx Gallii*, *Fab. G. M.* 273, 1776.

b. *PHRYXUS*, *Hüb. V.* 137, 1816.

3. *DEILEPHILA LIVORNICA*. The Striped Hawk Moth. B. M.

*Sphinx Livornica*, *Esp. S.* ii. 87, 196; t. 8, f. 4, 1780? *Id.* ii. *Sup.* 41, t. 46, *Cont.* 21, f. 4—7, 1806.

*Sphinx Koechlini*, *Fues. A.* i. t. 4, 1781.

*Sphinx lineata*, *Fab. M. I.* 96, 1787.

*Deilephila lineata*, *Step. H.* i. 126, t. 12, f. 1, 1828.

35. *CHÆROCAMPA*.

*Chærocampa*, *Dup. L. F., Sup.* ii. 159, 1835.

*Metopsilus*, *Dunc. B. M.* 154, 1836.

a. *HIPPOTION*, *Hüb. V.* 135, 1816.

1. *CHÆROCAMPA CELERIO*. The Silver-striped Hawk Moth. B. M.

*Sphinx Celerio*, *Linn. S. Nat.* i. 491, 1758. *Don. B. I.* vi. 25, t. 190, 191, 1797.

*Deilephila Celerio*, *Step. H.* i. 128, 1828.

*Sphinx inquilinus*, *Harr. Ex.* 93, t. 28, f. 1, 1776.

b. *THERETRA*, *Hüb. V.* 135, 1816.

2. *CHÆROCAMPA PORCELLUS*. The Small Elephant. B. M.

*Sphinx Porcellus*, *Linn. S. Nat.* i. 492, 1758.

*Deilephila Porcellus*, *Step. H.* i. 171, 1828.

*Chærocampa Porcellus*, *West. & H. M.* i. 23, t. 5, f. 9, 10, 1842.

c. *OREUS*, *Hüb. V.* 136, 1816.

3. *CHÆROCAMPA ELPENOR*. The Elephant. B. M.

*Sphinx Elpenor*, *Linn. S. Nat.* i. 491, 1758.

*Deilephila Elpenor*, *Step. H.* i. 131, 1828.

*Chærocampa Elpenor*, *West. & H. M.* i. 22, t. 51, f. 7, 8, 1842.

### 36. DAPHNIS.

*Daphnis*, *Hüb. V.* 134, 1816.

*Metopsilus*, p., *Dunc. B. M.* 154, 1836.

#### 1. DAPHNIS NERII.\* The Oleander Hawk Moth.

*Sphinx Nerii*, *Linn. S. Nat.* i. 490, 1758.

*Deilephila Nerii*, *Step. H.* iv. 1834.

*Chærocampa Nerii*, *Cur. B. E.* xiii. t. 626, 1837.

### Fam. III. SESIIDÆ.

*Sesiidæ*, *Step. H.* i. 132, 1828.

### 37. MACROGLOSSA.

*Macroglossum*, *Scop. I.* 414, 1777.

*Psithyros*, *Hüb. V.* 132, 1816.

#### 1. MACROGLOSSA STELLATARUM. The Humming Bird. B. M.

*Sphinx Stellatarum*, *Linn. S. Nat.* i. 493, 1758.

*Macroglossa Stellatarum*, *Step. H.* i. 133, 1828. *Cur. B. E.* xvi. t. 747, 1839.

### 38. SESIA.

*Sesia*, *Fab. S. E.* 547, 1775.

*Hemaris*, *Dalm. Sp. S.* 215, 1816, 1.

*Cephanodes*, *Hüb. V.* 131, 1816, 9.

#### 1. SESIA FUCIFORMIS. The Broad-bordered Bee Hawk Moth. B. M.

*Sphinx Fuciformis*, *Linn. S. Nat.* i. 493, 1758.

*Sesia Fuciformis*, *West. & H. M.* i. 26, t. 6, f. 7, 1842.

*Sesia Bombyliiformis*, *Och. S.* ii. 189, 1808. *Step. H.* i. 135, 1829.

[B. M.]

2. **SESIA BOMBYLIFORMIS.** The Narrow-bordered Bee Hawk Moth.  
*Sphinx Bombyliformis*, *Esp. S.* ii. 180, t. 23, *Sup.* 5, f. 2, 1780?  
*Sesia Bombyliformis*, *Cur. B. E.* i. t. 40, 1824.  
*Sphinx Fuciformis*, *Schiff. (W. V.* 44, 1776). *Step. H.* i. 134, 1829.

Fam. IV. *ÆGERIIDÆ*.

*Ægeriidæ*, *Step. H.* i. 136, 1828.  
*Trochiliidæ*, *West. & H. M.* i. 32, 1842.

39. *SPHECIA*.

*Sphecia*, *Hüb. V.* 127, 1816.  
*Trochilium*, *Step. H.* i. 137, 1828.

1. **SPHECIA APIFORMIS.** The Hornet Moth. B. M.  
*Sphinx Apiformis*, *Linn. F.* ii. No. 1093, 1767.  
*Trochilium Apiforme*, *Step. H.* i. 137, 1828. *Cur. B. E.* viii. t. 372, f. \*\*, 1831.  
*Sphinx Crabroniformis*, *Schiff. (W. V.* 44, 1776).  
 Var. *a.* *Sphinx Sireciformis*, *Esp. S.* ii. 208, t. 29, *Cont.* 4, f. 4, 5, 1780?  
*Sphinx Tenebrioniformis*, *Hüb. Sp.* t. 8, f. 54, 1796.  
 Var. *b.* *Sphinx Tenebrioniformis*, *Esp. S.* ii. 209, t. 30, *Cont.* 4, f. 1, 1780?
2. **SPHECIA BEMBECEIFORMIS.** The Lunar Hornet Moth. B. M.  
*Sphinx Bembeciformis*, *Hüb. Sp.* t. 20, f. 98, 1796.  
*Trochilium Bembeciforme*, *Cur. B. E.* viii. t. 372, f. \*, 1831.  
*Step. H.* iv: 384, 1835.  
*Sphinx Crabroniformis*, *Lew.—Linn. Tr.* iii. 23, t. 3, f. 1—5, 1797.  
*Trochilium Crabroniforme*, *Step. H.* i. 137, 1828.

## 40. TROCHILIUM.

*Trochilium*, *Scop. I.* 414, 1777.

*Egeria*, *Step. H.* i. 138, 1828.

a. PARANTHRENE, *Hüb. V.* 128, 1816.

*Memythrus*, *Newm.—Ent. Mag.* i. 85, 1832.

## 1. TROCHILIUM VESPIFORME. The Clear Underwing. B. M.

*Sphinx Vespiformis*, *Linn. F.* ii. No. 1095, 1761.

*Trochilium Vespiforme*, *West. & H. M.* i. 37, t. 7, f. 3, 1842.

*Sphinx Asiliformis*, *Schiff. (W. V.)* 305, 1776).

*Egeria Asiliformis*, *Step. H.* i. 139, 1828.

*Egeria Cestriiformis*, *Kir. & Sp. I.* i. t. 3, f. 2, 1828.

Var. a. *Sphinx Tabaniformis*, *Bork. E. S.* ii. 45, 1789.

b. BEMBEZIA, *Hüb. V.* 128, 1816.

[B. M.]

## 2. TROCHILIUM ICHNEUMONIFORME. The Six-belted Clearwing.

*Sphinx Ichneumoniformis*, *Schiff. (W. V.)* 44, 1776).

*Egeria Ichneumoniformis*, *Cur. B. E.* ii. t. 53, 1824. *Step. H.* i. 140, 1828.

*Sphinx Vespiformis*, *Esp. S.* ii. 129, t. 15, f. 2, 1779.

*Sphinx Scopigera*, *Scop. P. C.* No. 477, 1763.

Var. a. *Trochilium Muscaeforne*, *Newm.—Ent. Mag.* i. 79, 1833. *S.* iv. 385, 1835.

c. SYNANTHEDON, *Hüb. V.* 129, 1816.

[B. M.]

## 3. TROCHILIUM CYNIPIFORME. The Yellow-legged Clearwing.

*Sesia Cynipiformis*, *Och. S.* ii. 151, 1808.

*Egeria Cynipiformis*, *Step. H.* i. 141, 1828. *Wood, I. E.* 14, t. 4, f. 29, ♂, ♀, 1835.

♂. *Sphinx Vespiformis*, *Schiff. (W. V.)* 44, 1776).

*Sphinx Asiliformis*, *Bork.—Naturf.* vii. 108, 1779?

*Sphinx Cynipiformis*, *Esp. S.* ii. 214, t. 31, *Cont.* vi. f. 3, 4, 1780?

*Sphinx Tenthrediniformis*, *Haw. (Pr.)* 6, 1802).

♀. *Sphinx Tipuliformis*, *Berk. O.* 7. 138, 1769.



*Sphinx Œstriformis*, *Fues. Ent. M.* i. 117, 1778. *Esp. S.* ii. 181, t. xxiii., *Sup. v.* f. 3, 1780?

*Sphinx Chrysorrhœa*, *Don. B. I.* iv. 13, t. 116, 1795.

d. *TROCHILIUM*, *Scop. I.* 414, 1777.

4. *TROCHILIUM CHRYSIDIFORME*.\* The Fiery Clearwing.

*Sphinx Chrysidiformis*, *Esp. S.* ii. 210, t. 30, *Cont.* 5, f. 2, 1780?

*Trochilium chrysidiforme*, *West. & H. M.* i. 36, t. 7, f. 4, 1842.

*Sphinx hæmorrhoidalis*, *Cyrilli, E. N.* i. t. 4, f. 3, 1787.

*Sesia Crabroniformis*, *Fabr. E. S.* iii. 1, 383, 1795.

*Sphinx bicinctus*, *Haw. Pr.* 6, 1802.

5. *TROCHILIUM SCOLIÆFORME*.\* The Large Clearwing.

*Sphinx Scoliæformis*, *Borkh. E. S.* ii. 173, t. f. 2, 3. *Hüb. S.* t. 23, f. 111.

*Sesia Scoliæformis*, *Lasp. Ses. Eur.* 13, t. f. 1, 2.

*Trochilium Scoliæforme*, *Newm.—Zool.* 1855.

6. *TROCHILIUM SPHÆGIFORME*.\* The Black and White Horned Clearwing. B. M.

*Sesia Sphægiformis*, *Fab. M.* ii. 99, 1787.

*Trochilium Sphægiforme*, *West. & H. M.* i. 40, t. 7, f. 5, 1842.

*Sphinx Spheciformis*, *Schiff. (W. V.* 306, 1776).

*Ægeria Spheciformis*, *Step. H.* i. 140, 1828.

*Sphinx Ichneumoniformis*, *Bork. E. S.* ii. 131, 1789.

*Sphinx semizonatus*, *Haw. (Pr.* 6, 1802).

[B. M.]

7. *TROCHILIUM ALLANTIFORME*.\* The White-belted Clearwing.

*Trochilium Allantiforme*, *Newm.—Ent. Mag.* i. 79, 1833. *Step. H.* iv. 385, 1835.

*Sesia Andræniformis*, *Lasp. S.* 20, f. 7, 8, 1801.

*Trochilium Andræniforme*, *West. & H. M.* i. 40, t. 7, f. 5, 1842.

8. *TROCHILIUM TIPULIFORME*. The Currant Hawk Moth. B. M.

*Sphinx Tipuliformis*, *Linn. F.* ii. No. 1090, 1761.

*Ægeria Tipuliformis*, *Step. H.* i. 142, 1828.

*Trochilium Tipuliforme*, *West. & H. M.* i. 39, t. 7, f. 9, 1842.

e. CONOPIA, *Hüb. V.* 129, 1816.

## 9. TROCHILIUM MYOPÆFORME. The Red-belted Clearwing. B. M.

*Sphinx Myopæformis*, *Bork. E. S.* ii. 167, 1789.

*Trochilium Myopæforme*, *West. & H. M.* i. 42, t. 7, f. 11, 1842.

*Sphinx Culiciformis*, var., *Esp. S.* ii. 215, t. 15, f. 5, 6, 1780?

*Sphinx zonatus*, *Don. B. I.* vi. 35, 1797.

*Sesia Mutillæformis*, *Lasp. S.* 26, f. 15—17, 1801.

*Trochilium Mutillæforme*, *Step. H.* i. 142, 1828.

Var. a. *Trochilium Stomoxysforme*, *Step. H.* i. 144, t. 11, f. 4, 1828.

## 10. TROCHILIUM CULICIFORME. The Large Red-belt. B. M.

*Sphinx Culiciformis*, *Linn. S. Nat.* ii. 493, 1758.

*Ægeria Culiciformis*, *Step. H.* i. 143, 1828.

*Trochilium Culiciforme*, *West. & H. M.* i. 41, t. 7, f. 12, 1842.

[B. M.]

## 11. TROCHILIUM FORMICÆFORME. The Flame-tipped Red-belt.

*Sphinx Formicæformis*, *Esp. S.* ii. 216, t. 32, *Cont.* 7, f. 3, 4, 1780?

*Ægeria Formiciformis*, *Step. H.* i. 144, 1828.

*Trochilium Formiciforme*, *West. & H. M.* i. 41, t. 7, f. 14, 1842.

*Sphinx Formiciformis*, *Vill. E.* ii. 104, 1789.

*Sphinx flammeus*, *Haw. (Pr.* 6, 1802).

♂. *Sphinx Nomadæformis*, *Hüb. Sp.* t. 19, f. 90, 1796.

♀. *Sphinx Tentrediniformis*, *Esp. S.* ii. 211, t. 30, *Cont.* 5, f. 2, 1780?

## Div. II. LEPIDOPTERA NOCTURNA.

Lepidoptera Nocturna, *Latr. G.* iv. 216, 1809.

## Sub-Div. I. LEPIDOPTERA POMERIDIANA.

Lepidoptera Pomeridiana, *Step. H.* ii. 2, 1828.

## Fam. I. HEPIALIDÆ.

Hepialidæ, *Step. H.* ii. 3, 1828.

## 41. HEPIALUS.

Hepialus, *Fab. S. E.* 589, 1775.Hepiolus, *Ill. (M.)* i. 138, 1801).a. GAZORYCTRA, *Hüb. V.* 198, 1816.

## 1. HEPIALUS HECTUS. The Gold Swift. B. M.

Phalæna-B. Hecta, *Linn. F.* ii. No. 1148, 1761.Hepialus Hectus, *Step. H.* ii. 4, 1828. *West. & H. M.* i. 45, t. 8, f. 1, 2, 1842.Bombyx lupulina, *Hüb. B.* i. 27, 1787.♂. var. Noctua nemorosa, *Esp. S.* iv. 30, t. 81, *Noct.* 2, f. 5, 1786.♀. var. Noctua Jodutta, *Esp. S.* iv. 30, t. 81, *Noct.* 2, f. 6, 1786.

## 2. HEPIALUS LUPULINUS. The Common Small Swift. B. M.

• Phalæna-B. lupulina, *Linn. S. Nat.* i. 508, 1758.Hepialus lupulinus, *Step. H.* ii. 5, 1828. *West. & H. M.* i. 45, t. 8, f. 3—5, 1842.Phalæna-B. Flina, *Schiff. (W. V.)* 61, 1776).Phalæna hecta, *Harr. Aur.* 74, t. 22, f. 1, 1778.Hepialus lupulator, *Haw. (Pr.)* 19, 1802).♂. Hepialus obliquus, *Fab. S. E.* iii. 2, 6, 1794.Hepialus Cora, *Schr. F. B.* ii. 1. 304, 1801.♀. Hepialus lupulinus, *Fab. Sp.* ii. 207, 1781.Hepialus fuscus, *Haw. L. B.* 141, 1810.Var. a. Hepialus angulum, *Haw. L. B.* 142, 1810.Var. b. Hepialus obliquus, *Haw. L. B.* 142, 1810.Var. c. Hepialus nebulosus, *Haw. L. B.* 143, 1810.

b. GORGOPIS, *Hüb. V.* 198, 1816.3. *HEPIALUS HUMULI*. The Ghost. B. M.

*Phalæna*-B. *Humuli*, *Linn. S. Nat.* i. 508, 1758.

*Hepialus Humuli*, *Step. H.* ii. 6, 1828. *West. & H. M.* i. 45, t. 8, f. 7—9, 1842.

*Hepialus Humulator*, *Haw. (Pr.* 19, 1802).

c. *PHARMACIS*, *Hüb. V.* 198, 1816.4. *HEPIALUS VELLEDA*. The Beautiful Swift. B. M.

*Bombyx Velleda*, *Hüb. B.* t. 50, f. 212, 1798?

*Hepialus Velleda*, *Step. H.* ii. 6, 1828.

*Phalæna Mappa*, *Don. B. I.* x. 95, t. 36, f. 3, 1801.

*Pharmacis Flina*, *Hüb. (V.* 199, 1816).

Var. *a.* *Hepialus carnus*, *Step. H.* ii. 7, t. 13, f. 1, 1828.

d. *TRIODIA*, *Hüb. V.* 198, 1816.5. *HEPIALUS SYLVINUS*. The Orange Swift. B. M.

*Phalæna*-B. *sylvina*, *Linn. F.* ii. No. 1151, 1761.

*Hepialus sylvinus*, *Cur. B. E.* iv. t. 185, 1827. *Step. H.* ii. 7, 1828.

*Bombyx lupulina*, *Hüb. B.* t. 48, f. 205, 206.

♂. *Hepialus Cruz*, *Fab. M.* ii. 135, 1787.

♀. *Hepialus angulatus*, *Fab. Sp. I.* ii. 506, 1781.

Var. *a.* *Noctua Flina*, *Esp. S.* iv. 35, t. 82, *Noct.* 3, f. 5—7, 1786.

*Hepialus Fauna*, *Schr. F. B.* ii. 1, 305, 1801.

Var. *b.* *Hepialus Hamma*, *Schr. F. B.* ii. 1, 302, 1801.

42. *ZEUZERA*.

*Zeuzera*, *Lat. H.* xiv. 175, 1802.

*Latagia*, *Hüb. V.* 196, 1816.

1. *ZEUZERA ÆSCULI*. The Wood Leopard. B. M.

*Phalæna*-B. *Æsculi*, *Linn. S. Nat.* ii. 833, 1767. *Step. H.* ii. 8, 1828.

*Zeuzera Æsculi*, *Cur. B. E.* xvi. t. 722, 1839.

*Phalæna*-N. *Pyrina*, *Linn. F.* ii. No. 1150, 1761.

## 43. PHRAGMATÆCIA.

Phragmatæcia, *Newm.*—*Zool.* viii. 2931, 1850.

Macrogaster, *Dup. C.* 81, 1846. (Genus *Coleopt.*, *Thunb.* 1792). *Step. C. L. B.* 6, 1850.

Zeuzera, *Hüb. V.* 196, 1816.

## 1. PHRAGMATÆCIA ARUNDINIS. The Reed Leopard. B. M.

*Bombyx Arundinis*, *Hüb. B.* t. 40, f. 200, 201.

*Zeuzera Arundinis*, *Step.*—*Entom.* 160, 1841. *West. & H. M.* i. 49, t. 9, f. 7, 8, 1842.

*Bombyx castanea*, *Esp. S.* iii., *Sup.* 97, t. 94, *Cont.* 25, f. 1, 2, 1808.

## 44. COSSUS.

*Cossus*, *Fab. E. S.* iii. 2, 4, 1794.

*Xyleutes*, *Hüb. V.* 195, 1816.

## 1. COSSUS LIGNIPERDA. The Goat Moth. B. M.

*Cossus ligniperda*, *Fab. E. S.* iii. 2, 4, 1794. *Step. H.* i. 9, 1828. *Cur. B. E.* ii. t. 60, 1825.

*Bombyx Cossus*, *Linn. S. Nat.* i. 504, 1758.

## Fam. II. NOTODONTIDÆ.

*Notodontidæ*, *Step. H.* ii. 10, 1828.

## Sub-F. I. PYGERIDI.

*Pygeridi*, *Step. MSS.*

*Pygæridæ*, *Dup. C.* 95, 1846.

## 45. PHALERA.

*Phalera*, *Hüb. V.* 146, 1816.

*Pygæra*, p., *Och. E. S.* iii. 224, 1810.

*Sericaria*, p., *Lat. F. N.* 474, 1825.

*Acrosema*, *Meig. E. S.* iii. 24, 1832.  
*Hammatophora*, *West. & H. M.* i. 63, 1842.

**PHALERA BUCEPHALA.** The Buff-tip.

B. M.

*Phalæna*-B. bucephala, *Linn. S. Nat.* i. 58, 1758.  
*Pygæra bucephala*, *Step. H.* ii. 12, 1828. *Cur. B. E.* xii. t. 530, 1835.  
*Phalæna lunata*, *Retz. G.* 38, 1783.

**46. CLOSTERA.**

*Clostera*, *Hoff. MSS.?* *Step. H.* ii. 12, 1828.  
*Pygæra*, t., *Och. E. S.* iii. 224, 1810.  
*Ichthyura*, *Hüb. V.* 162, 1816.  
*Sericaria*, p., *Lat. F. N.* 474, 1825.

**1. CLOSTERA RECLUSA.** The Small Chocolate-tip.

B. M.

*Bombyx reclusa*, *Schiff. (W. V.* 56, 1776).  
*Clostera reclusa*, *Step. H.* ii. 13, 1828. *West. & H. M.* i. 64, t. 13, f. 6, 7, 1842.  
*Phalæna anastomosis*, *Scop.?* *E. C. No.* 502, 1763. *Don. B. I.* iv. 33, t. 124, ♂, 43, t. 129, f. 4, ♀, 1795.  
 Var. a. *Clostera reclusa*, var. *Step. H.* ii. 13, t. 16, f. 1, 1828.  
*Clostera suffusa*, *Step. H.* iv. 385, 1835.

**2. CLOSTERA ANACHORETA.\*** The Scarce Chocolate-tip.

B. M.

*Bombyx Anachoreta*, *Schiff. (W. V.* 56, 1776).  
*Clostera Anachoreta*, *Step. H.* ii. 13, 1828. *Cur. B. E.* xv. t. 715, 1838.  
*Bombyx curtula*, *Esp. S.* iii. 256, t. 51, f. 1—4, 1784.

**3. CLOSTERA CURTULA.** The Chocolate-tip.

B. M.

*Phalæna*-B. curtula, *Linn. S. Nat.* i. 503, 1758.  
*Clostera curtula*, *Step. H.* ii. 14, 1828. *West. & H. M.* i. 65, t. 13, f. 10 & 10, 1842.  
*Bombyx Anachoreta*, *Esp. S.* iii. 260, t. 51, f. 58, 1784.

**Sub-F. II. DICRANURIDI.**

*Dicranuridi*, *Step. MSS.*  
*Dicranuridæ*, *Dup. C.* 86, 1846.

## 47. CERURA.

*Cerura*, *Schr. F. B.* ii. 2, 155, 1802.

*Harpyia*, *Och. (E. S.)* iii. 19, 1810).

*Furcula*, *Lama. I.* iii. 581, 1816.

*Pania*, *Dalm. Anal. Ent.* 92, 1823.

*Dicranura*, *Latr. F. N.* 473, 1825.

a. *HARPYIAS*, *Hüb. V.* 148, 1816.

1. *CERURA BICUSPIS*.\* The Dark-barred Kitten.

*Phalæna-B. bicuspis*, *Bork. E. S.* iii. 380, 1790.

*Bombyx bicuspis*, *Hüb. Bo.* t. 10, f. 36, 1796.

*Cerura bicuspis*, *West. & H. M.* i. t. 15, f. 2, 1842.

*Cerura furcula*, var. *Bois. I. M.* 54, 1829.

2. *CERURA FURCULA*. The Kitten.

B. M.

*Phalæna-B. furcula*, *Linn. F.* ii. No. 1122, 1761.

*Cerura furcula*, *Step. H.* ii. 17, 1828. *West. & H. M.* i. 74, t. 15, f. 4, 5, 1842.

*Furcula Salicis*, *Lama. I.* iii. 582, 1816.

Var. a. *Cerura bicuspis*, *Step. H.* ii. 16, t. 13, f. 3, 1828, 10.

*Cerura emarginata*, *Step. MSS.*

Aber. ? *Cerura integra*, *Step. H.* ii. 16, t. 15, f. 3, 1828, 10.

3. *CERURA BIFIDA*. The Barred Kitten.

B. M.

*Bombyx bifida*, *Hüb. Bo.* t. 10, f. 38, 1796.

*Cerura bifida*, *Step. H.* ii. 19, t. 15, f. 2, 1828. *West. & H. M.* i. 77, t. 15, f. 8, 9, 1842.

*Cerura furcula*, var. *Bois. I. M.* 54, 1829.

*Bombyx furcula*, *Esp. S.* iii. 102, t. 19, f. 3—7, 1782.

Var. a. *Cerura latifascia*, *Cur. B. E.* iv. t. 193, 1827. *Step. H.* ii. 18, 1828.

*Cerura bidens*, *Step. MSS. olim.*

Var. b. *Cerura arcuata*, *Step. H.* ii. 17, 1828, 11.

Var. c. *Cerura forficula*, *Zett. <sup>p</sup> teste Fisch. E. R.* i. 62, 1820.

Var. d. *Cerura fuscina*, *Step. H.* ii. 18, t. 15, f. 1, 1828, 11.

b. *HARPYIA*, *Hüb. V.* 148, 1816.

4. *CERURA VINULA*. The Puss Moth.

B. M.

*Phalæna-B. Vinula*, *Linn. S. Nat.* i. 499, 1758.

*Cerura Vinula*, *Step. H.* ii. 19, 1828. *West. & H. M.* i. 77, t. 15, f. 12, 13, 1842.

Var. *a.* *Bombyx minax*, *Hüb. Bo.* t. 56, f. 243, 1802?

#### 48. STAUIOPUS.

*Stauiopus*, *Germ. Pr.* 45, 1811.

*Terasion*, *Hüb. V.* 147, 1816.

*Harpyia*, *Bois. (I. M.)* 54, 1829).

#### 1. STAUIOPUS FAGI. The Lobster Moth. B. M.

*Phalæna-B. Fagi*, *Linn. S. Nat.* i. 508, 1758.

*Stauiopus Fagi*, *Step. H.* ii. 21, 1828. *Cur. B. E.* xv. t. 674, 1838.

#### Sub-F. III. NOTODONTIDI.

*Notodontidi*, *Step. MSS.*

*Notodontidæ*, *Dup. C.* 89, 1846.

#### 49. NOTODONTA.

*Notodonta*, *Auct.*

#### 1. NOTODONTA DROMEDARIUS. The Iron Prominent. B. M.

*Phalæna-B. dromedarius*, *Linn. S. Nat.* ii. 827, 1776.

*Notodonta dromedarius*, *Step. H.* ii. 22, 1828. *Cur. B. E.* xvi. t. 739, 1839.

Var. *a.* *Bombyx dromedarulus*, *Haw. (Pr.)* 8, 1802).

*Phalæna Zebu*, *Don. B. I.* xii. 1, t. 397, f. 1, 1807.

Var. *b.* *Notodonta perfusca*, *Step. H.* ii. 23, t. 14, f. 2, 1828.

*Notodonta torva*, *Ing. (Inst.)* 91, 1827).

#### 2. NOTODONTA TRITOPHUS.\* The Dark Iron Prominent.

*Bombyx Tritophus*, *Schiff. (W.)* 63, 1766).

*Bombyx Tremulæ*, *Brahm. (I. K.)* 259, 1790).

*Bombyx torva*, *Hüb. Bo.* t. 7, f. 27, 1797.

*Bombyx perfuscus*, *Haw. ? L. B.* 100, 1803, var. ?

#### 3. NOTODONTA ZICZAC. The Pebble Prominent. B. M.

*Phalæna-B. ziczac*, *Linn. S. Nat.* i. 504, 1758.

*Notodonta ziczac*, *Step. H.* ii. 23, 1828. *West. & H. M.* i. 66, t. 13, f. 15, 16, 1842.



## 50. PHEOSIA.

*Pheosia*, *Hüb.* V. 145, 1816.

*Leiocampa*, *Step. H.* ii. 10, 1828.

## 1. PHEOSIA DICTÆA. The Swallow Prominent. B. M.

*Phalæna*-B. dictæa, *Linn. S. Nat.* ii. 826, 1766.

*Leiocampa dictæa*, *Step. H.* ii. 25, 1828. *West. & H. M.* i. 67, t. 13, f. 16, 17, 1842.

*Phalæna*-B. Tremulæ, *Linn. F.* ii. No. 1121, 1761.

*Phalæna*-B. porcellanea, *Hufn.—Berl. M.* iii. 420, 1769 ?

*Phalæna trepida* ? *Don. B. I.* vii. 63, t. 209, f. 1, 1769.

## 2. PHEOSIA DICTÆOIDES. The Lesser Swallow Prominent. B. M.

*Bombyx dictæoides*, *Esp. S.* iii., *Sup.* 27, t. 84, *Cont.* 5, f. 2, 3, 1787 ?

*Leiocampa dictæoides*, *Step. H.* ii. 26, 1828. *West. & H. M.* i. 67, t. 13, f. 18, 19, 1842.

*Bombyx gnoma*, *Fab. M.* ii. 122, 1787.

## 51. LOPHOPTERYX.

*Lophopteryx*, *Step. H.* ii. 10, 1828.

*Odontosia*, p., *Hüb.* V. 145, 1816.

## 1. LOPHOPTERYX CAMELINA. The Coxcomb Prominent. B. M.

*Phalæna*-B. camelina, *Linn. S. Nat.* i. 507, 1758.

*Lophopteryx camelina*, *Step. H.* ii. 26, 1828. *West. & H. M.* i. 68, t. 14, f. 1, 2, 1842.

\*Var. a. *Phalæna*-B. capuzina, *Linn. S. Nat.* i. 507, 1758.

Aber. ? *Bombyx Giraffina*,\* *Hüb. Bo.* t. 66, f. 277, 278.

## 2. LOPHOPTERYX CUCULLINA. The Maple Prominent. B. M.

*Bombyx cucullina*, *Schiff. (W. V.)* 311, 1776.

*Lophopteryx cucullina*, *West. & H. M.* i. 69, t. 14, f. 3, 4, 1842.

*Bombyx cuculla*, *Esp. S.* iii. 364, t. 72, f. 1, 1785.

*Lophopteryx cuculla*, *Step. H.* ii. 27, 1828.

## 3. LOPHOPTERYX CARMELITA. The Scarce Prominent. B. M.

*Bombyx carmelita*, *Esp. S.* iii., *Sup.* 65, t. 91, *Cont.* 1, f. 1, 1807.

*Lophopteryx carmelita*, *Step. H.* ii. 27, t. 14, f. 3, 1828.  
*Bombyx capuzina*, *Hüb. Bo.* t. 5, f. 21, 1797.

## 52. PTEROSTOMA.

*Pterostoma*, *Germ. Pr.* 43, 1811.  
*Odontosia*, t., *Hüb. V.* 145, 1816.  
*Ptilodontis*, *Step. H.* ii. 10, 1828.  
*Orthorhinia*, *Bois. (I. M.)* 56, 1829).

1. PTEROSTOMA PALPINA. The Pale Prominent. B. M.  
*Phalæna-B. palpina*, *Linn. F.* ii. No. 1146, 1761.  
*Pterostoma palpina*, *Step. H.* ii. 23, 1828. *West. & H. M.* i.  
 70, t. 14, f. 6, 1842.  
*Pterostoma Salicis*, *Germ. Pr.* 43, 1811.

## 53. PTILOPHORA.

*Ptilophora*, *Step. H.* ii. 11, 1828.  
*Odontosia*, p., *Hüb. V.* 145, 1816.

1. PTILOPHORA PLUMIGERA. The Plumed Prominent. B. M.  
*Bombyx plumigera*, *Schiff. (W. V.)* 61, 1776).  
*Ptilophora plumigera*, *West. & H. M.* i. 73, t. 14, f. 18, 19,  
 1842.  
*Phalæna variegata*, *Vill. E.* ii. 164, 1789.  
*Ptilophora Aceris*, *Step. MSS. olim.*  
*Ptilophora variegata*, *Step. H.* ii. 29, t. 14, f. 1, 1828.

## 54. DRYMONIA.

*Drymonia*, *Hüb. V.* 144, 1816.  
*Chaonia*, *Step. H.* ii. 10, 1828.  
*Dimorpha*, *Cur. (G.)* 2 ed 176, 1837).

1. DRYMONIA CHAONIA. The Lunar Marbled Brown. B. M.  
*Bombyx Chaonia*, *Schiff. (W. V.)* 49, 1776).  
*Drymonia Chaonia*, *West. & H. M.* i. 72, t. 14, f. 13, 14, 1842.  
*Phalæna confusa*, *Hüfn. ?—(Berl. M.)* iii. 4, 1769).  
*Noctua Roboris*, *Fab. G. M.* 283, 1777.  
*Chaonia Roboris*, *Step. H.* ii. 30, 1828,

## 2. DRYMONIA DODONEA. The Marbled Brown. B. M.

*Bombyx dodonea*, *Schiff.* (*W. V.* 49, 1776).

*Chaonia dodonea*, *Step. H.* ii. 30, 1828.

*Dimorpha Chaonia*, *Cur. R. E.* xvi. t. 755, 1839.

*Bombyx trimacula*, *Esp. S.* iii. 242, t. 46, f. 1—3, 1784.

*Phalæna-B. tripartita*, *Bork. E. S.* 424, 1790.

*Bombyx Ilicis*, *Fab. S. E.* iii. 1, 434, 1794.

Var. *a.* *Bombyx Querneus*, *Haw. L. B.* 104, 1803.

## 55. GLUPHISIA.

*Gluphisia*, *Bois.* (*I. M.* 56, 1829).

## 1. GLUPHISIA CRENATA.\* The Dusky-Marbled Brown.

*Bombyx crenata*, *Esp. S.* iii. 245, t. 47, f. 3, 4, 1784.

*Gluphisia crenata*, *West. & H. M.* i. 73, t. 14, f. 15, 1842.

*Bombyx crenosa*, *Hüb. Bo.* t. 4, f. 12, 1796.

## 56. DILOBA.

*Diloba*, *Bois. I. M.* 2 ed. 88, 1840.

*Episema*, t., *Och. (E. S.* iv. 65, 1816, 3).

*Disphragis*, p., *Hüb. V.* 194, 1816, 9.

## 1. DILOBA CÆRULEOCEPHALA. The Figure-of-Eight Moth. B. M.

*Phalæna-B. cæruleocephala*, *Linn. S. Nat.* i. 504, 1758.

*Episema cæruleocephala*, *Step. H.* ii. 15, 1828.

*Disphragis cæruleocephala*, *West. & H. M.* i. 80, t. 16, f. 14, 1842.

## 57. PETASIA.

*Petasia*, *Step. H.* ii. 11, 1828.

*Brachionycha*, p., *Hüb. V.* 114, 1816.

*Asteroscopus*, *Bois. (I. M.* 59, 1829).

\* *Brachionyx*, *Meig. E. S.* iii. 178, 1832.

## 1. PETASIA CASSINEA. The Sprawler. B. M.

*Bombyx Cassinea*, *Schiff.* (*W. V.* 61, 1776).

*Petasia Cassinea*, *Step. H.* ii. 32, 1828. *West. & H. M.* i. 70, t. 14, f. 7, 8, 1842.

*Bombyx Sphinx*, *Esp. S.* iii. 249, t. 49, f. 1—3, 1784.

## 2. PETASIA NUDECULOSA. The Rannoch Sprawler.

*Bombyx nubeculosa*, *Esp. Schm.* iii. t. 48, f. 6 (1782).

## 58. PERIDEA.

*Peridea*, *Step. H.* ii. 11, 1828.

## 1. PERIDEA TREPIDA. The Great Prominent.

B. M.

*Bombyx trepida*, *Fab. M.* ii. 121, 1787.

*Peridea trepida*, *West. & H. M.* i. 71, t. 14, f. 9, 10, 1842.

*Bombyx Tremulæ*, *Schiff. (W. V.* 49, 1776).

*Phalæna-B. serrata*, *Thunb. I. S.* 47, 1792.

*Peridea serrata*, *Step. H.* ii. 33, 1828.

*Phalæna tritopha*, *Don. B. I.* x. 91, t. 359, 1801.

## Sub-F. IV. ENDROMIDI.

*Endromidi*, *Step. MSS.*

*Endromidæ*, *Dup. C.* 79, 1846.

## 59. ENDROMIS.

*Endromis*, *Och. E. S.* iii. 15, 1810, 6.

*Dorvillia*, *Leach (E. E.* ix. 132, 1815).

*Bombyx*, *Sodoff.—Bull. S. I. Mosc.* ii. 1837.

## 1. ENDROMIS VERSICOLOR. The Kentish Glory.

B. M.

*Phalæna-B. versicolora*, *Linna. S. Nat.* i. 499, 1758.

*Phalæna versicolor*, *Neale.—Ent. Tr.* i. 323, t. 9, ♂, ♀, 1813.

*Endromis versicolor*, *Step. H.* ii. 34, 1828.

## Fam. III. BOMBYCIDÆ.

*Bombycidæ*, *Step. H.* ii. 3, 1828.

## Sub-F. I. ATTACIDI.

*Attacidi*, *Step. MSS.*

*Attacidæ*, *Dup. C.* 78, 1846.

*Saturnides*, *Bois. I. M.* 2 ed. 73, 1840.

## 60. SATURNIA.

Saturnia, *Schr. F. B.* ii. 2, 149, 1802.

Attacus, *Germ. Pr.* 9, 1811.

Pavonia, *Hüb. V.* 157, 1816.

## 1. SATURNIA PAVONIA-MINOR. The Emperor Moth. B. M.

Phalæna-B. Pavonia-minor, *Linn. S. Nat.* i. 497, 1758.

Saturnia Pavonia-minor, *Step. H.* ii. 37, 1828. *West. & H.*

*M.* i. 51, t. 10, f. 1, 2, 1842.

Phalæna B. Pavonia, *var. minor*, *Linn. F.* ii. No. 1099, 1761.

Phalæna Pavoniella, *Scop. C.* No. 483, 1763.

Bombyx Carpini, *Schiff. (W. V.* 50, 1776).

Phalæna Pavunculus, *Retz. G.* 35, 1783.

## Sub-F. II. BOMBYCIDI.

Bombycidi, *Step. MSS.*

Bombyx, *Bois. (I. M.* 48, 1829).

Bombicini, *Bois. I. M.* 2 ed. 69, 1840.

Bombycidae, *Dup. C.* 74, 1846.

## 61. LASIOCAMPA.

Lasiocampa, *Schr. F. B.* ii. 2, 153, 1802.

Bombyx, *Dup. C.* 77, 1846.

a. METANASTRIA, *Hüb. V.* 186, 1816.

## •1. LASIOCAMPA RUBI. The Fox Moth. B. M.

Phalæna-B. Rubi, *Linn. S. Nat.* i. 498, 1758.

Lasiocampa Rubi, *Step. H.* ii. 39, 1828. *West. & H. M.* i. 57,  
t. 11, f. 1—4, 1842.

Bombyx Trifolii, *Pz.—Schæff. Ic.* 159, 1804.

b. PACHYGASTRIA, *Hüb. V.* 186, 1816.

## 2. LASIOCAMPA TRIFOLII. The Grass Eggar. B. M.

Bombyx Trifolii, *Schiff. (W. V.* 57, 1776).

Lasiocampa Trifolii, *Step. H.* ii. 40, 1828. *West. & H. M.* i.  
58, t. 11, f. 5—7, 1842.

Bombyx Dumeti, *Fues. S. I.* 34, 1775.

Var. a. Phalæna-B. Medicaginis, *Bork.—Rhen. M.* i. 363, 1793.

*Lasiocampa Medicaginis*, *Cur. B. E.* iv. t. 181, 1827. *Step. H.* ii. 41, 1828.

*Bombyx Trifolii*, *Pz. F. G.* xix. f. 23, 1794.

*Phalæna Quercus*, *Wilkes, B. M.* t. 23, 1773.

### 3. LASIOCAMPA QUERCUS. The Oak Eggar.

*Phalæna-B. Quercus*, *Linn. F.* ii. No. 1106, 1761. *Linn. S. Nat.* i. 498, 1758.

*Lasiocampa Quercus*, *Step. H.* ii. 40, 1828. *West. & H. M.* i. 58, t. 11, f. 13, 1842.

Var. *a.* *Bombyx Roboris*, *Schr. F. B.* ii. 1, 275, 1801.

*Lasiocampa Roboris*, *Step. H.* ii. 41, 1828. *West. & H. M.* i. 58, t. 11, f. 8—12.

*Bombyx Quercus*, *Esp. S.* iii. 81, t. 14, f. 1, 2, 1782.

Var. *b.* *Lasiocampa Callunæ*, *Palmer.—Zool.* 1656, 1847, 3.

Var. *c.* *Bombyx Spartii?* *Hüb. Bo.* t. 39, f. 173.

Var. *d.* *Lasiocampa Quercus*,\* var., *West. & H. M.* i. 58, t. 11, f. 9, 13.

## 62. ERIOGASTER.

*Eriogaster*, *Germ. Pr.* 16, 1811.

*Dasysona*, *Hüb. V.* 185, 1816.

### 1. ERIOGASTER LANESTRIS. The Small Eggar. B. M.

*Phalæna-B. lanestris*, *Linn. S. Nat.* i. 499, 1758.

*Eriogaster lanestris*, *Step. H.* ii. 45, 1828. *West. & H. M.* i. 54, t. 10, f. 3, 4, 1842.

## 63. PÆCilocAMPA.

*Pæcilocampa*, *Step. H.* ii. 36, 1828.

*Diaphone*, p., *Hüb. V.* 188, 1816.

### 1. PÆCilocAMPA POPULI. The December Moth. B. M.

*Phalæna-B. Populi*, *Linn. S. Nat.* i. 502, 1758.

*Pæcilocampa Populi*, *Step. H.* ii. 44, 1828. *West. & H. M.* i. 54, t. 10, f. 7, 8, 1842.

## 64. TRICHIURA.

*Trichiura*, *Step. H.* ii. 36, 1828.

*Diaphone*, p., *Hüb. V.* 188, 1816.

## 1. TRICHIURA CRATÆGI. The Pale Oak Eggar. B. M.

Phalæna B. Cratægi, *Linn. S. Nat.* i. 502, 1758.Trichiura Cratægi, *Step. H.* ii. 43, 1828. *West. & H. M.* i. 56, t. 10, f. 13, 14, 1842.Phalæna albicaudata, *Retz. G.* 36, 1783.Bombyx Mali, *Fab. M.* ii. 115, 1787.♀. Phalæna-B. Vitis-Idææ, *Linn. F.* ii. No. 1163, 1761.Var. a. Bombyx Avellanæ, *Fab. M.* ii. 116, 1787.Var. b. Bombyx pallidus, *Haw. L. B.* 105, 1803.

## 65. CLISIOCAMPA.

Clisiocampa, *Cur. B. E.* v. t. 229, 1829.Malacosoma, p., *Hüb. V.* 192, 1816.

## 1. CLISIOCAMPA CASTRENSIS. The Ground Lackey. B. M.

Phalæna-B. Castrensis, *Linn. S. Nat.* i. 500, 1758.Clisiocampa Castrensis, *Cur. B. E.* v. t. 229, 1828, 9. *Step. H.* ii. 48, t. 13, f. 2, ♂, 1828, 12.Phalæna-B. Neustria, β., *Linn. F.* ii. No. 1102, 1761.♂. Lasiocampa Castrensis,\* *Klug, Herm.* t. fig. im. hermap.

## 2. CLISIOCAMPA NEUSTRIA. The Lackey. B. M.

Phalæna-B. Neustria, *Linn. S. Nat.* i. 500, 1758.Clisiocampa Neustria, *Step. H.* ii. 47, 1828. *West. & H. M.* i. 50, t. 10, f. 11, 12, 1842.Var. a. Bombyx bilineatus, *Haw. L. B.* 130, 1803.

## Sub-F. III. LASIOCAMPIDI.

Lasiocampidi, *Step. MSS.*Lasiocampidæ, *Dup. C.* 71, 1846.

## 66. ODONESTIS.

Odonestis? *Germ. Pr.* 49, 1811.Odenesis, *Sam. C.* 247, 1818.Cosmotriche, *Hüb. V.* 188, 1816.

## 1. ODONESTIS POTATORIA. The Drinker. B. M.

Phalæna-B. Potatoria, *Linn. S. Nat.* i. 498, 1758.Odonestis Potatoria, *Step. H.* ii. 51, 1828. *West. & H. M.* i. 56, t. 10, f. 15—17, 1842.

Var. a. *Odonestis palustris*, *Step.* MSS.

*Engram. Pap. d' Eur.* v. t. clxxii. f. 223, f. 1786.

## 67. DENDROLIMUS.

*Dendrolimus*, *Germ. (Pr.* 48, 1811).

*Lasiocampa*, p., *Hüb. V.* 189, 1816.

*Eutricha*, *Step. H.* ii. 36, 1828.

*Phylloma*, *Billb. (Cat.* 1820).

### 1. DENDROLIMUS PINI. The Pine Lappet.

B. M.

*Phalæna-B. Pini*, *Linn. S. Nat.* i. 498, 1758.

*Odonestis Pini*, *Cur. B. E.* i. t. 7, 1824. *Step. H.* ii. 50, 1828.

## 68. GASTROPACHA.

*Gastropacha*, *Och. S.* iii. 239, 1810.

*Phyllodesma*, *Hüb. V.* 190, 1816.

*Lasiocampa*, *Boisd. I. M.* 2 ed. 71, 1840.

### 1. GASTROPACHA ILICIFOLIA.

*Phalæna-B. ilicifolia*, *Linn. S. Nat.* i. 813.

*Bombyx Betulifolia*, *Hüb. B.* t. 44, f. 190.

*Gastropacha ilicifolia*, *Och. S. E.* iii. 240.

### 2. GASTROPACHA QUERCIFOLIA. The Oak Lappet.

B. M.

*Phalæna-B. Quercifolia*, *Linn. S. Nat.* i. 497, 1758.

*Gastropacha Quercifolia*, *Step. H.* ii. 52, 1828. *West. & H. M.* i. 60, t. 12, f. 4-7, 1842.

## Fam. IV. ARCTIIDÆ.

*Arctiidæ*, *Step. H.* ii. 3, 1828.

### Sub-F. I. LIPARIDI.

*Liparidi*, *Step. MSS.*

*Liparides*, *Bois. I. M.* 2 ed. 66, 1840.



## 69. LYMANTRIA.

*Lymantria*, *Hüb.* V. 160, 1816.

*Psilura*, *Step. H.* ii. 79, 1828.

## 1. LYMANTRIA MONACHA. The Black Arches. B. M.

*Phalæna*-B. Monacha, *Linn. S. Nat.* i. 501, 1758.

*Psilura* Monacha, *Step. H.* ii. 57, 1828. *West. & H. M.* i. 86, t. 17, f. 4—7, 1842.

Var. a. *Hypogymna* Monacha, *Cur. B. E.* xvi. t. 767, 1839.

## 70. HYPOGYMNA.

*Hypogymna*, *Step. H.* ii. 55, 1828.

*Porthetria*, p., *Hüb.* V. 160, 1816.

## 1. HYPOGYMNA DISPAR. The Gipsy. B. M.

*Phalæna*-B. dispar, *Linn. S. Nat.* i. 501, 1758.

*Hypogymna* dispar, *Step. H.* ii. 55, 1828.

*Porthetria* dispar, *West. & H. M.* i. 85, t. 17, f. 1—3, 1842.

## 71. DASYCHIRA.

*Dasychira*, *Step. H.* ii. 55, 1828.

*Orgyia*, *Hüb.* V. 161, 1816.

*Orgyia*, *Zett. I. L.* 926, 1840.

## 1. DASYCHIRA FASCELINA. The Dark Tussock. B. M.

*Phalæna*-B. fascelina, *Linn. S. Nat.* i. 503, 1758.

*Dasychira* fascelina, *Step. H.* ii. 58, 1828. *West. & H. M.* i. 87, t. 17, f. 14—16, 1842.

*Bombyx* Medicaginis, *Hüb. Bo.* t. 21, f. 81, 1799?

## 2. DASYCHIRA PUDIBUNDA. The Light Tussock. B. M.

*Phalæna*-B. pudibunda, *Linn. S. Nat.* i. 503, 1758.

*Dasychira* pudibunda, *Step. H.* ii. 59, 1828. *West. & H. M.* i. 87, t. 17, f. 17—19, 1842.

*Bombyx* Juglandis, *Hüb. Bo.* t. 21, f. 84, 85, 1799?

## 72. DEMAS.

*Demas*, *Step. H.* ii. 55, 1828.

*Colocasia*, *Och. (S.* iv. 63, 1816).

1. DEMAS CORYLI. The Nut-tree Tussock. B. M.

Phalæna-B. Coryli, *Linn. S. Nat.* i. 503, 1758.

Demas Coryli, *Step. H.* ii. 60, 1828. *West. & H. M.* i. 88, t. 17, f. 20, 21, 1842.

### 73. ORGYIA.

Orgyia, *Step. H.* ii. 55, 1828.

Notolophus, *Germ. Pr.* 35, 1811.

Gynaëphora, *Hüb. V.* 161, 1816.

1. ORGYIA ANTIQUA. The Common Vapourer. B. M.

Phalæna-B. antiqua, *Linn. S. Nat.* i. 504, 1758.

Orgyia antiqua, *Step. H.* ii. 61, 1828. *West. & H. M.* i. 86, t. 17, f. 8—10, 1842.

Phalæna gonostigma, *Scop. C.* No. 497, 1763.

Phalæna paradoxa, *Retz. G.* 36, 1783.

- ♂. Orgyia antiqua,\* *Wing.—Tr. Ent. Soc.* v. 119, t. xiv. f. 5, 1849, hermap.

2. ORGYIA GONOSTIGMA. The Scarce Vapourer. B. M.

Phalæna-B. gonostigma, *Linn. S. Nat.* ii. 826, 1767.

Orgyia gonostigma, *Step. H.* ii. 61, 1828. *Cur. B. E.* viii. t. 378, 1831.

Phalæna antiqua, *Scop. C.* 20, 496, 1763.

Gynaëphora recens, *Hüb. (V.)* 161, 1816).

### 74. LÆLIA.

Lælia, *Step. H.* ii. 62, 1828.

Laria, p., *Hüb. V.* 159, 1816.

1. LÆLIA CÆNOSA. The Whittlesea Ermine. B. M.

Bombyx cænosa, *Hüb. Bo.* t. 51, f. 218, 1812?

Arctia cænosa, *Cur. B. E.* ii. t. 68, 1825.

Lælia cænosa, *Step. H.* ii. 63, 1828.

Lælia pyrrhopa, *Step. MSS., olim.*

### 75. LEUCOMA.

Leucoma, *Step. H.* ii. 63, 1828.

Laria, p., *Hüb. V.* 159, 1816.

## 1. LEUCOMA VAU-NIGRUM. The Black V. Moth. B. M.

*Bombyx Vau-nigrum*, *Fab. S. E.* 557, 1775.

*Leucoma Vau-nigrum*, *Step. H.* ii. 64, t. 16, f. 2, 1828. *West. & H. M.* i. 89, t. 18, f. 1, 1842.

*Bombyx nivosa*, *Schiff. (W. V.* 52, 1776).

## 76. STILPNOTIA.

*Stilpnotia*, *West. & H. M.* i. 90, 1842.

*Arctornis*, p., *Germ. Pr.* 18, 1811.

*Leucoma*, p., *Step. H.* ii. 63, 1828.

## 1. STILPNOTIA SALICIS. The White Satin Moth. B. M.

*Phalæna-B. Salicis*, *Linn. S. Nat.* i. 502, 1758.

*Leucoma Salicis*, *Step. H.* ii. 64, 1828.

*Stilpnotia Salicis*, *West. & H. M.* i. 90, t. 18, f. 2—4, 1842.

*Phalæna apparens*, *Retz. G.* 37, 1783.

## 77. EUPROCTIS.

*Euproctis*, *Hüb. V.* 159, 1816.

*Arctornis*, t., *Germ. Pr.* 13, 1811.

*Porthesia*, *Step. H.* ii. 65, 1828.

## 1. EUPROCTIS CHRYSORRHŒA. The Brown-tail Moth. B. M.

*Phalæna-B. chrysorrhœa*, *Linn. S. Nat.* i. 502, 1758.

*Phalæna phæorrhœa*, *Curt. B. T. Moth.* 1782.

*Porthesia auriflua*, *Step. H.* ii. 66, 1828. *West. & H. M.* i. 91, t. 18, f. 9—11, 1842.

Var. a. *Bombyx chrysorrhœa*, *Hüb. Bo.* t. 58, f. 248, 249, 1814?

## 2. EUPROCTIS AURIFLUA. The Yellow-tail Moth. B. M.

*Bombyx auriflua*, *Fab. E. S.* iii. 1, 458, 1793.

*Porthesia chrysorrhœa*, *Step. H.* ii. 65, 1828. *West. & H. M.* i. 90, t. 18, f. 7, 8, 1842.

♂. *Bombyx aurifluus*, *Haw. L. B.* 108, 1803.

♀. *Bombyx chrysorrhæus*, *Haw. L. B.* 108, 1803.

## Sub-F. II. CHELONIDI.

*Chelonidi*, *Step. MSS.*

*Chelonides*, *Bois. I. M.* 2 ed. 61, 1840.

## 78. HYPERCOMPA.

*Hypercompa*, *Step. H.* ii. 55, 1828.

*Hypercompa*, *Cur. G.* 143, 1830.

*Heraclia*, p., *Hüb. V.* 180, 1816.

*Callimorpha*, *Doub. (L. 4, 1848).*

## 1. HYPERCOMPA DOMINULA. The Scarlet Tyger. B. M.

*Phalæna-N. Dominula*, *Linn. S. Nat.* ii. 834, 1767.

*Hypercompa Dominula*, *Step. H.* ii. 67, 1828.

*Heraclia Dominula*, *West. & H. M.* i. 96, t. 19, f. 16, 17, 1842.

*Bombyx Domina*, *Hüb. Bo.* t. 27, f. 117, 118, 1800?

Var. *a.* *Hypercompa Dominula*, var., *Bree.—Loud. M. N. H.* vi. 541, f. 72, 1833.

*Bombyx Domina*, var., *Hüb. Bo.* t. 52, f. 223, 1812?

## 79. DIACRISIA.

*Diacrisia*, *Hüb. V.* 169, 1816.

*Euthemonia*, *Step. H.* ii. 55, 1828.

## 1. DIACRISIA RUSSULA. The Clouded Buff. B. M.

*Phalæna-B. Russula*, *Linn. S. Nat.* i. 510, 1758.

*Eyprepia Russula*, *Cur. B. E.* i. t. 21, 1824.

*Euthemonia Russula*, *Step. H.* ii. 68, 1828.

♂. *Phalæna-B. Sannio*, *Linn. S. Nat.* i. 506, 1758.

## 80. ARCTIA.

*Arctia*, *Schr. F. B.* ii. 2, 152, 1802.

*Eyprepia*, *Auct. Germ.*

*Chelonia*, *Auct. Gall.*

a. *ZOOTE*, *Hüb. V.* 181, 1816.

## 1. ARCTIA CAJA. The Garden Tyger. B. M.

*Phalæna-B. Caja*, *Linn. S. Nat.* i. 500, 1758.

• *Arctia Caja*, *Step. H.* ii. 69, 1828. *West. & H. M.* i. 94, t. 19, f. 5—8, 1842.

*Phalæna-B. erinacea*, *Retz. G.* 36, 1783.

Var. *a.* *Arctia Caja*, var. *West. & H. l. c. f. 7.*

Var. *b.* *Arctia semicoccinea*, *Step. MSS.*

Var. *c.* *Caja*, var., *West. & H. l. c. f. 7.*

Var. *d.\* Engram. Pap. d'Eur. iv. t. 139, f. 187, d.*

Var. *e. Engram. Pap. d'Eur. iv. t. 141, f. 187, y.*

b. *EPICALLIA*, *Hüb. V. 182, 1816:*

2. *ARCTIA VILLICA*. The Cream-spot Tyger. B. M.

*Phalæna-B. Villica*, *Linn. S. N. i. 501, 1758.*

*Arctia Villica*, *Step. H. ii. 71, 1828. West. & H. M. i. 95, t. 19, f. 9, 10, 1842.*

Var. *a.* *Arctia cordiger*, *Step. MSS.*

*Engram. Pap. d'Eur. v. t. 151, f. 196, o.*

Var. *b.* *Arctia Æthiops,\* Step. MSS.*

Aber.\* *Engram. Pap. d'Eur. iv. t. 140, f. 187, b*

### 81. PARASEMIA.

*Parasemia*, *Hüb. V. 181, 1816.*

*Nemeophila*, *Step. H. ii. 55, 1828.*

1. *PARASEMIA PLANTAGINIS*. The Wood Tyger. B. M.

*Phalæna-B. Plantaginis*, *Linn. S. Nat. i. 501, 1758.*

*Nemeophila Plantaginis*, *Step. H. ii. 73, 1828. West. & H. M. i. 96, t. 19, f. 14, 15, 1842.*

Var. *a.* *Bombyx hospita*, *Schiff. (W. V. 310, 1776).*

*Engram Pap. d'Eur. iv. t. 147, f. 192, a, b.*

Var. *b.* *Phalæna Alpicola*, *Scop. C. No. 507, 1763.*

*Engram. Pap. d'Eur. iv. t. 147, f. 192, d.*

### 82. PHRAGMATOBIA.

*Phragmatobia*, *Step. H. ii. 55, 1828.*

*Arctia*, *Hüb. V. 183, 1816.*

1. *PHRAGMATOBIA FULIGINOSA*. The Ruby Tyger. B. M.

*Phalæna-B. fuliginosa*, *Linn. S. Nat. i. 509, 1758.*

*Phragmatobia fuliginosa*, *Step. H. ii. 71, 1828. West. & H.*

*M. i. 93, t. 19, f. 1, 2, 1842.*

## 83. SPILOSOMA.

*Spilosoma*, *Step.*—*Cur.* l. c. *infra*.

*Estigmene*, p., *Hüb.* V. 184, 1816.

## 1. SPILOSOMA MENTHASTRI. The Large Ermine. B. M.

*Bombyx* *Menthastri*, *Schiff.* (*W.* V. 54, 1776).

*Spilosoma* *Menthastri*, *Step.* *H.* ii. 75, 1828. *West. & H. M.* i. 91, t. 18, f. 12—14, 1842.

*Phalæna*-*B. lubricepeda*, ♀, *Linn. S. Nat.* ii. 829, 1767.

*Phalæna* *Erminea*, *Marsh.*—*Linn. T.* i. 70, t. 1, f. 1, 1791.

Var. a. *Spilosoma* *Menthastri*, var. *Step.* *H.* ii. 75, t. 16, f. 3, 1828.

Var. b. *Spilosoma* *Walkeri*,\* *Cur. B. E.* ii. t. 92, 1825.

## 2. SPILOSOMA PAPYRATIA. The Water Ermine. B. M.

*Phalæna* *Papyratia*, *Marsh.*—*Linn. Tr.* i. 72, t. 1, f. 4, 1791.

*Spilosoma* *Papyratia*, *Step.* *H.* ii. 76, 1828.

*Bombyx* *Menthastri*, var. *Bork.*—*Rhein. M.* i. 343, 1793.

Var. a. *Bombyx* *Urticæ*, *Esp. S.* iii. *Sup.* 20, t. 83, f. 2, 1794.

*Spilosoma* *Urticæ*, *Step.* *H.* ii. 76, 1828.

## 3. SPILOSOMA LUBRICEPEDA. The Spotted Buff. B. M.

*Phalæna*-*B. lubricepeda*, *Linn. S. Nat.* i. 505, 1758.

*Spilosoma* *lubricepeda*, *Step.* *H.* ii. 79, 1828. *West. & H. M.* i. 92, t. 18, f. 17—19, 1842.

*Phalæna* *Lepus*, *Retz. G.* 37, 1783.

Var. a. *Bombyx* *radiatus*, *Haw.*—*Ent. Tr.* i. 336, 1812. *West. & H. M. l. c.* f. 19.

Var. b. *Bombyx* *Luxeri*,\* *Goda. L. F.* iv. 360,\* t. 37, f. 4, 1822.

## 84. CYCNIA.

*Cyenia*, *Hüb.* V. 184, 1816.

*Diaphora*, *Step.* *H.* ii. 55, 1828.

## 1. CYCNIA MENDICA. The Spotted Muslin. B. M.

*Phalæna*-*B. mendica*, *Linn. F.* ii. No. 1127, 1761.

*Diaphora* *mendica*, *Step.* *H.* ii. 78, 1828.

*Cyenia*-*mendica*, *West. & H. M.* i. 92, t. 18, f. 20—22, 1842.

♂. *Diaphora* *mendica*,\* *Wing.*—*Tr. Ent. Soc.* v. 120, t. 14, f. 5, 1849.

## Sub-F. III. PSYCHIDI.

Psychidi, *Step. MSS.*Psychidæ, *Bois. I. M.* 44, 1829.

## 85. STERRHOPTERIX.

Sterrhopterix, *Hüb. ? V.* 399, 1816.Penthophera, *Cur. B. E.* v. fo. 213, 1828.Pachythelia, *West. (Ent. Tr. v. Pr.* xlii. 1849).

## 1. STERRHOPTERIX NIGRICANS. The Large Chimney Sweep. B. M.

Penthophera nigricans, *Cur. B. E.* v. t. 213, 1828. *Step. H.* ii. 79, 1828.Psyche Febretta, *Fonsc. ?—Ann. Ent. S. Fr.* iv. 107, t. 1, f. 8—10, 1835.

## 2. STERRHOPTERIX OPACELLA. The Dusky Chimney Sweep. B. M.

Psyche opacella, *H.-Schæff. S.* ii. 20, t. 19, f. 102, 1847.Psyche Fenella, *Newm.—Zool.* viii. *App.* xcix. 1850.Sterrhopterix hyalinella, *Step. C. B. L.* 56, 1850.

## 86. PSYCHE.

Psyche, *Schr. F. B.* ii. 1, 156, 1801.Leptopterix, *Hüb. ? V.* 399, 1816.Saccophora, *Sodoff.—Bull. S. I. Mosc.* 12, 1837.

## 1. PSYCHE FUSCA. The Brown Muslin.

B. M.

Nudaria fusca, *Haw. L. B.* 157, 1810, 3.Psyche fusca, *Step. H.* ii. 80, t. 18, f. 3, ♂, f. 4, ♀, 1829.  
*West. & H. M.* i. 83, t. 16, 17, 26—28, 1842.Psyche calvella, *Och. E. S.* iii. 172, 1810, 8.Tinea hirsutella, *Hüb. Ti.* t. 1, f. 3, 1796.

## 87. FUMEA.

Fumea, *Haw. (Ent. Tr.* i. 340, 1813).Fumaria, *Haw. L. B.* 373, 1812.Epichnopterix, *Hüb. V.* 399, 1816.

## 1. FUMEA RADIELLA. The Chimney Sweeper's Boy:

B. M.

Fumea radiella, *Cur. B. E.* vii. t. 332, 1830.

- Fumaria plumistrea*, *Haw. L. B.* 474, 1812.  
*Fumea muscella*, *Step. H.* ii. 82, 1829.  
 Var. *a.* *Fumaria muscea*, *Haw. L. B.* 473, 1812.  
*Tinea lucidella*, *Haw. (Pr.* 34, 1802).  
*Fumea pulla*, *Step. H.* ii. 82, 1829.  
 Var. *b.* *Fumaria pectinea*, *Haw. L. B.* 473, 1812. *Step. H.* ii. 83, 1829.  
 Var. *c.* *Fumea Bombycella?* *Step. H.* ii. 83, 1829.

2. *FUMEA NITIDELLA.* The Shining Chimney Sweep. B. M.  
*Tinea nitidella*, *Hüb. T. t.* 1, f. 6, 1796.  
*Fumea nitidella*, *Step. H.* ii. 82, 1829.  
*Phalæna nana*, *Bork. ? E. S.* iii. 283, 1790. •  
*Psyche Carpini*, *Schr. F. B.* ii. 2, 90, 1802.

3. *FUMEA RETICELLA.* The Netted Chimney Sweep. B. M.  
*Psyche retiella*, *Newm.—(Zool.* v. 1853, 1847).  
*Psyche reticella*, *Newm.—Zool.* vii. *App.* xciv. 1850.

## 88. NUDARIA.

*Nudaria*, *Haw. L. B.* 156, 1810.  
*Paidea*, *Hüb. V.* 158, 1816.

1. *NUDARIA MUNDANA.* The Muslin. • • B. M.  
*Phalæna-A. mundana*, *Linn. S. Nat.* ii. 812, 1767.  
*Nudaria mundana*, *Step. H.* ii. 84, 1829. *Cur. B. E.* ix. t. 400, 1832.  
*Bombyx nuda*, *Hüb. Bo. t.* 17, f. 63, 64, 1799?  
 Var. *a.* *Bombyx Hemerobia*, *Hüb. Bo. t.* 17, f. 65, 1799?  
*Nudaria Hemerobia*, *Step. H.* ii. 84, 1829. *Wood, I. E.* t. 17, f. 87. •

2. *NUDARIA SENEX.* The Round-winged Muslin. B. M.  
*Bombyx senex*, *Hüb. Bo. t.* 55, f. 236, 237, 1812?  
*Nudaria senex*, *Step. H.* ii. 84, t. 18, f. 2, 1829. *Wood, I. E.* t. 7, f. 88.  
*Nudaria rotunda*, *Haw. L. P.* 156, 1810.



## Sub-F. IV. LIMACODIDI.

Limacodidi, *Step. MSS.*

Limacodidæ, *Dup. C.* 84, 1846.

Chelonias, *Hüb. V.* 397, 1816.

## 89. HETEROGENEA.

Heterogenea, *Knoch. B.* iii. 60, 1783.

1. HETEROGENEA ASELLUS. The Triangle. B. M.  
 Bombyx Asella, *Schiff. (W. V.* 65, 1776). *Step. H.* ii. 85, t. 17, f. 2, 1829.  
 Heterogenea cruciata, *Knoch, B.* iii. 63, 1783.

## 90. LIMACODES.

Limacodes, *Lat. F. N.* 474, 1825.

Apoda (Genus Avium), *Haw. L. B.* 137, 1810.

1. LIMACODES TESTUDO. The Festoon. B. M.  
 Bombyx Testudo, *Schiff. (W. V.* 65, 1776). *Step. H.* ii. 86, 1829? *West. & H. M.* i. 81, t. 16, f. 5—7, 29, 1842.  
 Bombyx Limacodes, *Esp. S.* iii. 140, t. 26, f. 3—9, 1782.  
 Phalæna Limax, *Bork. E. S.* iii. 449, 1790.  
 Phalæna funalis, *Don. B. I.* iii. 9, t. 76, 1795.  
 Tortrix Testudinana, *Hüb. To.* t. 26, f. 164, 165, 1799?  
 ♂. Bombyx Bufo, *Fab. M.* ii. 121, 1787.  
 Bombyx Asella, *Esp. S.* iii. *Sup.* 36, t. 85, f. 4, 1794?  
 ♀. Bombyx sulphurea, *Fab. G. M.* 279, 1777.  
 Bombyx Testudo, *Fab. M.* ii. 121, 1787.
-

## Sub-Div. II. LEPIDOPTERA NOCTURNA.

Lepidoptera Nocturna, *Step. H.* ii. 86, 1829.

## Fam. I. LITHOSIIDÆ.

Lithosiidæ, *Step. H.* ii. 88, 1829.

## 91. CALLIMORPHA.

Callimorpha, *Lat. G.* iv. 220, 1809.Tyria, *Hüb. V.* 166, 1816.Euchelia, t., *Bois. (I. M.)* 39, 1829).

## 1. CALLIMORPHA JACOBÆÆ. The Cinnabar Moth. B. M.

Phalæna-N. Jacobææ, *Linn. S. Nat.* i. 511, 1758.Callimorpha Jacobææ, *Step. H.* ii. 90, 1829. *Cur. B. E.* xi. t. 499, 1834.Var. a. Callimorpha semiflava,\* *Step. MSS.*  
*Engram. Pap. d'Eur.* vi. t. 232, f. 312, d.

## 92. MILTOCHRISTA.

Miltocrista, *Hüb. V.* 166, 1816.Callimorpha, p., *Step. H.* ii. 90, 1829.Calligenia, *Dup. C.* 59, 1846.

## 1. MILTOCHRISTA MINIATA. The Red Arches. B. M.

Phalæna miniata, *Forst, C.* 75, 1771.Callimorpha miniata, *Step. H.* ii. 90, 1829. *Wood, I. E.* t. 8, f. 92, 1836.Bombyx rosea, *Fab. S. E.* 587, 1775.Noctua rubicunda, *Schiff. (W. V.)* 68, 1776).

## 93. EULEPIA.

Eulepia, *Cur. B. E.* ii. 56, 1825.Callopiis, *Billb. (Cat.)* 1820).Emydia, *Bois. (I. M.)* 39, 1829).

a. SPIRIS, *Hüb. V.* 169, 1816.

1. EULEPIA GRAMMICA. The Feathered Footman. B. M.

Phalæna-B. grammica, *Linn. F.* ii. No. 1134, 1761.Eulepia grammica, *Step. H.* ii. 91, t. 17, f. 3, ♂. *West. & H. M.* i. 100, t. 20, f. 3, 4, 1842.Var. a. Phalæna striata, *Bork. E. S.* iii. 471, 1790.Var. b. Phalæna-B. melanoptera,\* *Brahm. I. K.* ii. 435, 1790.b. COSCINIA, p., *Hüb. V.* 169, 1816.

2. EULEPIA CRIBRUM. The Speckled Footman. B. M.

Phalæna-B. cribrum, *Linn. F.* ii. No. 1136, 1761.Eulepia cribrum, *CuP. B. E.* ii. t. 56, 1825. *Step. H.* ii. 92, 1829.

## 94. DEIOPEIA.

Deiopeia, *Step.—Cur. B. E.* iv. f. 169, 1827.Utetheisa, p., *Hüb. V.* 168, 1816.Euchelia, p., *Bois. (I. M.)* 39, 1829).

1. DEIOPEIA PULCHELLA. The Crimson Speckled Footman. B. M.

Phalæna-N. pulchella, *Linn. S. Nat.* i. 524, 1758.Deiopeia pulchella, *Cur. B. E.* iv. t. 169, 1827, *Step. H.* ii. 93, 1829.Noctua pulchra, *Schiff. (W. V.)* 68, 1776).Noctua Lotrix, *Cram. K.* ii. t. 109, f. E. F. 1780?

## 95. LITHOSIA.

Lithosia, *Fab. E. S. Sp.* 459, 1798.Lichenea, *Sodoff.—Bull. S. I. Mosc.* 12, 1837.Setina, p., *Schr. F. B.* ii. 2, 165, 1802.a. SYSTROPHA, *Hüb. V.* 166, 1816.

1. LITHOSIA AUREOLA. The Orange Footman. B. M.

Bombyx aureola, *Hüb. Bo.* t. 24, f. 98, 1800?Lithosia aureola, *Step. H.* ii. 94, t. 18, f. 1, 1828.Noctua unita, *Esp. P. S.* iv. 100, t. 93, *Noct.* 14, f. 6, 7, 1787.

*Noctua aurantina*, *Haw.* (*Pr.* 13, 1802).  
*Lithosia aurantia*, *Haw. L. B.* 147, 1810.

b. *PELOSIA*, *Hüb. V.* 165, 1816.

2. *LITHOSIA HELVOLA*. The Buff Footman. B. M.

*Bombyx helvola*, *Hüb. Bo. t.* 23, f. 95, 1799?

*Lithosia helvola*, *Step. H. ii.* 94, 1829. *West. & H. M. i.* 102, t. 20, f. 15, 1842.

*Lithosia helveola*, *Och. E. S. iii.* 133, 1810.

♂. *Noctua deplana*, *Esp. S. iv.* 97, t. 93, *Noct.* 14, f. 1, 2, 1787.

♀. *Noctua complana*, *Esp. S. iv.* 95, t. 92, *Noct.* 13, f. 7, 8, 1787.

3. *LITHOSIA FLAVA*. The Straw-coloured Footman. B. M.

*Lithosia flava*, *Fab. P. E. S. Sp.* 461, 1798. *Step. H. ii.* 95, 1829. *West. & H. M. i.* 101, t. 20, f. 6, 1842.

*Lithosia stramineola*, *Doub.—Zool. v.* 1914, 1847.

Var. a. *Lithosia gilveola*, *Step. H. ii.* 95, 1829. *West. & H. M. i.* 101, t. 20, f. 11, 1842.

4. *LITHOSIA COMPLANA*. The Scarce Footman. B. M.

*Lithosia complana*, *Linn. S. Nat. i.* 512, 1758.

*Noctua plumbeola*, *Hüb. Bo. t.* 24, f. 100, 1800?

*Lithosia depressa*, *Step. H. ii.* 96, 1829. *West. & H. M. i.* 101, t. 20, f. 14, 1842.

5. *LITHOSIA LURIDEOLA*. \* The Common Footman. B. M.

*Lithosia lurideola*, *Treit. P.—Allg. L. No.* 217, 68, 1817.

*Lithosia complanata*, *Bois. (I. M. 2 ed.* 58, 1840).

*Lithosia complana*, *Haw. L. B.* 147, 1810. *Step. H. ii.* 95, 1829. *West. & H. M. i.* 101, t. 20, f. 12, 13, 1842.

6. *LITHOSIA GRISEOLA*. The Dun Footman. B. M.

*Bombyx griseola*, *Hüb. Bo. t.* 23, f. 97, 1799? *Step. H. ii.* 96, 1828. *West. & H. M. i.* 101, t. 20, f. 10, 1842.

*Noctua luteolina*, *Haw. (Pr. App. 3,* 1802).

Var. a. *Lithosia plumbeolata*, *Step. H. ii.* 96, 1829. *West. & H. M. i.* 101, t. 20, f. 7, 1842.

c. EILEMA, *Hüb.* V. 165, 1816.

## 7. LITHOSIA LUTEOLA. The Small Footman. B. M.

*Bombyx luteola*, *Schiff.* (W. V. 68, 1776). *Hüb. Bo.* t. 23, f. 92, 1799?

*Noctua lutosa*, *Esp. S.* iv. 100, t. 93, *Noct.* 14, f. 8, 9, 1787.

Var. a. *Lithosia pygmæola*, *Doub.—Zool.* v. 1914, 1847.

## 8. LITHOSIA MUSCERDA. The Spotted Footman. B. M.

*Phalæna-N. muscerda*, *Hüfn.*—(*Berl. M.* iii. 400, 1780?)

*Lithosia muscerda*, *Cur. B. E.* i. t. 36, 1824. *Step. H.* ii. 97, 1829.

*Tinea perlella*, *Fab. M.* ii. 241, 1787.

*Bombyx pudorina*, *Esp. S.* iv., *Sup.* 67, t. 196, f. 4, 6, 1794.

● *Bombyx cinerina*, *Esp. S.* iv., *Sup.* 67, 1794.

## 96. CENISTIS.

*Cenistis*, *Hüb.* V. 165, 1816.

## 1. CENISTIS QUADRA. The Large Footman. B. M.

*Phalæna-N. quadra*, *Linn. S. Nat.* i. 511, 1758.

*Lithosia quadra*, *Step. H.* ii. 97, 1829.

*Cenistis quadra*, *West. & H. M.* i. 102, t. 20, f. 17—19, 1842.

♂. *Phalæna-N. deplana*, *Linn. M.* i. 537, 1771.

Var. a. *Engram. Pap. d'Eur.* vi. t. ccxxii. f. 298, e, k. 1789.

## 97. ATOLMIS.

*Atolmis*, *Hüb.* V. 164, 1816.

*Gnophria*, *Step. H.* ii. 98, 1829.

## 1. ATOLMIS RUBRICOLLIS. The Red-necked Footman. B. M.

*Phalæna-N. rubricollis*, *Linn. S. Nat.* i. 511, 1758.

*Gnophria rubricollis*, *Step. H.* ii. 98, 1829. *West. & H. M.* i. 103, t. 20, f. 20, 21, 1842.

## 98. CYBOSIA.

*Cybosia*, *Hüb.* V. 167, 1816.

*Setina*, p., *Step. H.* ii. 98, 1829.

## 1. CYBOSIA MESOMELLA. The Four-spot Footman. B. M.

*Phalæna*-Ti. *mesomella*, Linn. *S. Nat.* i. 535, 1758.

*Setina mesomella*, *Step. H.* ii. 100, 1829.

*Cybosia mesomella*, *West. & H. M.* i. 104, t. 20, f. 25, 1842.

*Noctua eborina*, *Schiff. (W. V.* 68, 1776).

Var. *a.* *Lithosia lutarella*, *Haw. ? L. B.* 148, 1810.

*Bombyx eborina*, *Hüb. Bo.* t. 63, f. 266.

## 99. ENDROSA.

*Endrosa*, *Hüb. V.* 167, 1816.

*Philea*, *Dalm.—Act. Holm.* 1823.

*Setina*, *p., Step. H.* ii. 98, 1829.

## 1. ENDROSA IRRORELLA. The Dew Moth. B. M.

*Phalæna*-Ti. *irrorella*, Linn. *S. Nat.* i. 535, 1758.

*Setina irrorella*, *Step. H.* ii. 99, t. 17, f. 1, 1829.

Var. *a.* *Setina roscida*, *Step. H.* ii. 100, 1829.

Var. *b.* *Noctua signata*,\* *Bork. E. S.* iii. 258, 1790. *West. & H. M.* i. 104, t. 20, f. 24, 1842.

Var. *c.* *Lithosia binumerica*,\* *Drapiez.—Bull. S. Nat.* 1829?

## Fam. II. NOCTUIDÆ.

Noctuidæ, *Step. H.* ii. 100, 1829.

## Sub-F. I. NOCTUELIDI.

Noctuelidi, *Guén.—Ann. E. S. Fr.* vi. 347, 1837.

## 100. TRIPHÆNA.

*Triphæna*, *Och. (S. iv.* 69, 1816, 3). *Tr. v.* 1, 252, 1825.

*Xanthoptera*, *Sodoff.—Bull. S. I. Mosc.* 13, 1837.

*a.* TRIPHÆNA, *Och. (ut supra).*

## 1. TRIPHÆNA ORBONA. The Lesser Yellow Underwing. B. M.

*Noctua orbona*, *Fab. M.* ii. 150, 1787.

*Triphæna orbona*, *Step. H.* ii. 102, 1829. *West. & H. M.* i. 108, t. 21, f. 1, 1842.

*Noctua subsequa*, *Esp. S.* iv. (149), t. 104, *Noct.* 25, f. 1—3, 1787—88.

*Phalæna-N. Pronuba-minor*, *Vill. E.* ii. 279, 1789.

*Noctua Comes*, *Hüb. No.* t. 111, f. 521, 1812?

Aber. ? *Triphæna consequa*, *Cur. B. E.* viii. t. 348, 1831.

*Triphæna Curtisii*, *Newm.—Zool.* ii. 399, 1844, 1.

2. **TRIPHÆNA SUBSEQUA.\*** The Lunar Yellow Underwing. B. M.

*Noctua subsequa*, *Schiff. (W. V.* 79, 1766).

*Triphæna subsequa*, *Step. H.* ii. 103, 1829.

Var. a. *Noctua consequa*, *Hüb. No.* t. 23, f. 105, 1798.

3. **TRIPHÆNA PRONUBA.** The Large Yellow Underwing. B. M.

*Phalæna-N. Pronuba*, *Linn. S. Nat.* i. 512, 1758.

• *Triphæna Pronuba*, *Step. H.* ii. 103, 1829. *West. & H. M.* i. 108, t. 21, f. 1—3, 1842.

Var. a. *Triphæna innuba*, *Treit. S.* v. 1, 265, 1825. *Step. H.* ii. 104, 1829. *West. & H. M. l. c.* f. 1.

Var. b. *Engram. Pap. d'Eur.* vii. t. cclxxi. f. 434, i, 1791, albino.

4. **TRIPHÆNA INTERJECTA.** The Least Yellow Underwing. B. M.

*Noctua interjecta*, *Hüb. No.* t. 23, f. 107, 1798?

*Triphæna interjecta*, *Step. H.* ii. 105, 1829. *West. & H. M.* i. 109, t. 21, f. 8, 1842.

b. *LAMPRA*, *Hüb. V.* 221, 1816.

[B. M.

5. **TRIPHÆNA FIMBRIA.** The Broad-bordered Yellow Underwing.

*Phalæna-N. fimbria*, *Linn. S. Nat.* ii. 842, 1767.

*Triphæna fimbria*, *Step. H.* ii. 104, 1829. *West. & H. M.* i. 108, t. 21, f. 6, 7, 1842.

*Phalæna-N. Domiduca*, *Hufn.—(Berl. M.* iii. 404, 1769).

*Noctua Solani*, *Fab. M.* i. 150, 1787.

c. *EUSCHESIS*, *Hüb. V.* 221, 1816.

6. **TRIPHÆNA JANTHINA.** The Lesser Broad-border. B. M.

*Noctua Janthina*, *Schiff. (W. V.* 78, 1776).

*Triphæna Janthina*, *Step. H.* ii. 106, 1829. *West. & H. M.* i. 109, t. 21, f. 9, 1842.

*Noctua Domiduca*, *Knoch*, *B.* ii. 63, 1782.

*Phalæna-N. Fimbria-minor*, *Vill. E.* ii. 278, 1789.

*Phalæna-N. Janthe*, *Bork. E. S.* iv. 109, 1792.

### 101. THALPOPHILA.

*Thalpophila*, *Hüb. V.* 208, 1816.

*Cerigo*, *Step. (Cat. ii. 63, 1829). Id. H.* ii. 106, 1829.

#### 1. THALPOPHILA TEXTA. The Straw Underwing. B. M.

*Phalæna-N. texta*, *Lang. V.* 133, 1786. *Esp. S.* iv. (185), t. 108, *Noct.* 29, f. 1, 2, 1787—89. \*

*Cerigo texta*, *Step. H.* ii. 107, 1829.

*Phalæna-N. matura*, *Hüfn.*—(*Berl. M.* iii. 414, 1769).

*Noctua Cytherea*, *Fab. E. S.* iii. 2, 57, 1794.

*Cerigo Cytherea*, *West. & H. M.* i. 109, t. 21, f. 10, 1842.

*Noctua connexa*, *Hüb. No. t.* 23, f. 109, 1798, t. 118, f. 548, 1811.

♀. *Noctua prospicua*, *Haw. L. B.* 161, 1810.

### 102. SEGETIA.

*Segetia*, *Step. (Cat. ii. 74, 1829). Id. H.* ii. 153, 1829.

*Sideridis*, p., *Hüb. V.* 232, 1816.

#### 1. SEGETIA XANTHOGRAPHA. The Square-spot Rustic. B. M.

*Noctua xanthographa*, *Schiff. (W. V.* 83, 1776).

*Segetia xanthographa*, *Step. H.* ii. 153, 1829. *West. & H. M.* i. 143, t. 29, f. 9, 1842.

*Noctua tetragona*, *Haw. L. B.* 161, 1810.

Aber. *Segetia xanthographa*,\* var., *Doug.—Ent. Tr.* v. 99, t. 14, f. 1, 1849.

### 103. RUSINA.

*Rusina*, *Step. (Cat. ii. 64, 1829). Id. H.* ii. 111, 1829.

*Scotia*, p., *Hüb. V.* 226, 1816.

#### 1. RUSINA FERRUGINEA. The Brown Feathered Rustic. B. M.

*Bombyx ferruginea*, *Esp. S.* iii. 246, t. 47, f. 5, ♂, 6, ♀, 1784.

*Rusina ferruginea*, *Step. H.* ii. 112, 1829. *West. & H. M.* i. 113, t. 22, f. 9, 1842.



*Noctua tenebrosa*, *Hüb. No. t.* 33, f. 158, 1799?

♂. *Bombyx phæus*, *Haw. (Pr.* 11, 1802). *Id. L. B.* 133, 1803.

♀. *Noctua obsoletissima*, *Haw. L. B.* 207, 1803.

#### 104. LYTÆA.

*Lytæa*, *Step. (Cat.* ii. 64, 1829). *Id. H. ii.* 107, 1829.

*Scotia*, p., *Hüb. V.* 226, 1816.

##### a. SCOTIA, *Hüb. (ut supra)*.

#### 1. LYTÆA UMBROSA. The Six-striped Rustic. B. M.

*Noctua umbrosa*, *Hüb. No. t.* 97, f. 456, 457, 1809.

*Lytæa umbrosa*, *Step. H. ii.* 108, 1829. *West. & H. M. i.* 110, t. 22, f. 1, 1842.

*Noctua radicea*, var., *Esp. S. iv.* (453), t. 143, *Noct.* 64, f. 3, 1788—96.

*Noctua 6-strigata*, *Haw. L. B.* 228, 1810.

##### b. LYCOPHOTIA, p., *Hüb. V.* 215, 1816.

#### 2. LYTÆA AGATHINA. The Marsh Rustic. B. M.

*Chersotis Agathina*, *Bois.—Dup. L. F. vii.* 359, t. 122, f. 2, 1827.

*Lytæa albimacula*, *Step. H. ii.* 137, t. 19, f. 3, 1829.

*Noctua Lydia*? *Bois. (I. M.* 63, 1829).

Var. a. *Lytæa leucographa*, *Step. H. ii.* 199, 1829. *Wood, I. E.* t. 8, f. 119.

#### 105. CERAPTERYX.

\* *Cerapteryx*, *Cur. B. E. x. fo.* 451, 1833.

*Lycophotia*, p., *Hüb. V.* 215, 1816.

*Charæas*, p., *Step. H. ii.* 109, 1829.

*Heliophobus*, *Guén.—Ann. E. S. Fr. vii.* 350, 1837.

#### 1. CERAPTERYX GRAMINIS. The Antler. B. M.

*Phalæna-N. Graminis*, *Linn. S. Nat. i.* 506, 1758. *Don. B. I. xii.* 53, t. 458, 1808.

*Charæas Graminis*, *Step. H. ii.* 111, 1829.

*Bombyx tricuspis*, *Esp. S. iii.* 348, t. 68, f. 2, 3, 1785.

♀. *Cerapteryx hibernica*, *Cur. B. E. x.* 451, 1833.

Var. a. *Episema albineura*, *Bois. Ic. t.* 74, f. 4, ♂, 1835.

## 106. CHARÆAS.

Charæas, *Step.* (*Cat.* ii. 64, 1829). *Id.* *H.* ii. 108, 1829.

a. THOLERA, p., *Hüb.* V. 214, 1816.

Hadena A. & B., *Guén.—Ann. E. S. Fr.* vii. 215, 1838.

## 1. CHARÆAS CESPITIS. The Hedge Rustic. B. M.

Noctua cespitis, *Schiff.* (*W.* V. 82, 1776).

Charæas cespitis, *Step.* *H.* ii. 109, 1829. *West. & H. M.* i. 111, t. 22, f. 4, 5, 1842.

Noctua Hordei, *Schr. F. B.* ii. 1, 351, 1801.

Var. a. Agrotis autumnalis, *Cur.* ? (*B. E.* fo. 165, 1827).

Var. b. Charæas confinis, *Step.* *H.* ii. 109, 1829.

b. BRITHYS, p., *Hüb.* V. 226, 1816.

Epunda, p., *Dup. C.* 141, 1846.

## 2. CHARÆAS LUTULENTA. The Barred Feathered Rustic. B. M.

Noctua lutulenta, *Schiff.* (*W.* V. 81, 1776).

Noctua fusca, *Haw. L. B.* 119, 1803.

Charæas fusca, *Step.* *H.* ii. 109, 1829. *West. & H. M.* i. 112, t. 22, f. 6, 1842.

Var. a. Charæas consimilis, *Step.* *H.* ii. 40, 110, 1829.

Var. b. Charæas orthostigma, *Step.* *l. c.* 1829.

## 3. CHARÆAS ÆTHIOPS. The Black Rustic. B. M.

Noctua Æthiops, *Och.* (*S.* iv. 67, 1816).

Noctua nigricans, *Hüb. No.* t. 116, f. 709, 1826.

Agrotis albicolon, *Cur.* ? (*B. E.* iv. fo. 165, 1827).

Charæas nigra, *Step.* *H.* ii. 110, 1829. *West. & H. M.* i. 112, t. 22, f. 7 ? 1842.

## 107. AGROTIS.

Agrotis, *Och.* (*S.* iv. 66, 1816, 3). *Tr.* v. 1, 125, 1825.

Agrotis, *Hüb.* V. 225, 1816, 9.

a. GEORYX, *Hüb. V.* 227, 1816.

## 1. AGROTIS SEGETUM. The Common Dart. B. M.

Noctua Segetum, *Schiff. (W. V.* 252, 1776).

Agrotis Segetum, *Step. H.* ii. 115, 1829. *West. & H. M.* i. 116, t. 23, f. 3—5, 1842.

Noctua Segetis, *Fab. E. S.* iii. 6, 61, 1793.

Var. a. Bombyx caliginosa, *Esp. S.* iii. 323, t. 54, f. 3, 1785.

Var. b. Bombyx fuscosa, *Esp. S.* iii. 324, t. 54, f. 4, 1785.

Var. c. Bombyx catenatus, *Haw. L. B.* 114, 1803.

Var. d. Bombyx pectinatus, *Haw. L. B.* 115, 1803.

Var. e. Bombyx monileus, *Haw. L. B.* 115, 1803.

Var. f. Bombyx spinulus, *Haw. L. B.* 115, 1803.

Var. g. Bombyx connexus, *Haw. L. B.* 116, 1803.

Var. h. Bombyx corticeus, *Haw. L. B.* 116, 1803.

Var. i. Bombyx venosus, *Haw. L. B.* 116, 1803.

Var. k. Bombyx subatratus, *Haw. (Pr.* 9, 1802). *Id. L. B.* 116, 1803.

Var. l. Bombyx nigricornutus, *Haw. (Pr.* 9, 1802). *Id. L. B.* 117, 1803.

Var. m. Noctua fasciola, *Haw. MSS.*

Var. n. Agrotis affinis, *Step. MSS., olim.*

\*Aber. ? Agrotis monostigma, *Cur. ? (B. E.* iv. fo. 165, 1827).

## 2. AGROTIS CORTICEA. The Heart and Club. B. M.

Noctua corticea, *Hüb. No.* t. 30, f. 145, 1799 ?

Agrotis corticea, *Step. H.* ii. 114, 1829. *West. & H. M.* i. 115, t. 23, f. 6, 1842.

Bombyx exclamationis ? *Esp. S.* iii. 321, t. 64, f. 1, 1785.

\*Bombyx clavigerus, *Haw. L. B.* 114, 1803.

♀. Noctua sordida, *Hüb. No.* t. 32, f. 154, 1799 ?

Bombyx subfuscus, *Haw. L. B.* 114, 1803.

b. AGRONOMA, p., *Hüb. V.* 227, 1816.

## 3. AGROTIS VALLIGERA. The Archer's Dart. B. M.

Noctua valligera, *Schiff. (W. V.* 80, 1776).

Agrotis valligera, *Step. H.* ii. 118, 1829. *West. & H. M.* i. 117, t. 23, f. 11, 1842.

Bombyx clavis, *Esp. S.* iii. 319, t. 63, f. 5, 1785.

Phalæna-N. clavifera, *Vill. E.* ii. 174, 1789.

Bombyx sagittiferus, *Haw. L. B.* 118, 1803.

Var. *a.* *Bombyx trigonalis*, *Esp.* S. iii. 382, t. 75, f. 6, 1785.

Var. *b.* *Noctua hibernica*, *Haw. MSS.*, var.

c. *OGYGIA*, p.? *Hüb.* V. 225, 1816.

4. *AGROTIS LUNIGERA*.\* The Crescent Dart. B. M.

*Agrotis lunigera*, *Step. H.* ii. 113, t. 20, f. 3, 1829, 4.

d. *PERIDROMA*, *Hüb.* V. 227, 1816.

5. *AGROTIS SUFFUSA*. The Dark Sword Grass. B. M.

*Noctua suffusa*, *Schiff.* (W. V. 80, 1776).

*Agrotis suffusa*, *Step. H.* ii. 116, 1829. *West. & H. M.* i. 116, t. 23, f. 2, 1842.

*Phalæna*-N. *Upsilon*, *Hüfn.*—*Berl. M.* iii. 416, 1769).

*Bombyx spinula*, *Esp.* S. iii. 320, t. 63, f. 6, 7, 1785.

*Bombyx stigmaticus*, *Haw.* (Pr. 9, 1802).

Var. *a.* *Phalæna*-N. *spinifera*, *Vill. E.* ii. 174, 1789.

6. *AGROTIS SAUCIA*. The Pearly Underwing. B. M.

*Noctua saucia*, *Hüb. No.* t. 81, f. 378, 1804?

*Agrotis saucia*, *West. & H. M.* i. 115, t. 23, f. 1, 1842.

*Phalæna*-N. *polygona*, *Bork. ? E. S.* iv. 520, 1792.

*Noctua majuscula*, *Haw. L. B.* 218, 1810.

*Noctua æqua*, *Hüb. No.* t. 171, f. 811, 812, 1835.

Var. *a.* *Noctua margaritosa*, *Haw. L. B.* 218, 1810.

*Noctua æqua*, *Hüb. No.* t. 122, f. 564, 1814?

*Agrotis æqua*, *Step. H.* ii. 126, 1829.

\*? 7. *AGROTIS SUBGOTHICA*. The Gothic Dart. B. M.

*Noctua subgothica*, *Haw. L. B.* 224, 1810.

*Agrotis subgothica*, *Step. H.* ii. 126, t. 22, f. 3, 1829.

*Noctua fictilis*, *Hüb. ? No.* t. 155, f. 710, 1826.

e. *METAXYJA*, *Hüb.* V. 223, 1816.

8. *AGROTIS OBELISCA*. The Square-spot Dart. B. M.

*Noctua obelisca*, *Schiff.* (W. V. 80, 1776). *Goda. L. F.* v. 214, t. 64, f. 3, ♂, 1824.

♂. *Bombyx molothina*, *Esp. ? S.* iii., *Sp.* 33, t. 85, f. 6, 1807.

♀. *Bombyx pupillatus*, *Haw. L. B.* 118, 1802.

*Agrotis pupillata*, *Step. H.* ii. 128, 1829.

Var. *a.* *Noctua ruris*, *Hüb. No.* t. 89, f. 416, 1806.

9. AGROTIS AQUILINA. The Streaked Dart. B. M.

*Noctua aquilina*, *Schiff. (W. V.* 80, 1776).

*Agrotis aquilina*, *Step. H.* ii. 121, 1829. *West. & H. M.* i. 121, t. 24, f. 9, 1842.

*Noctua nigrofusca*, *Esp. S.* iv. (383), t. 127, *Noct.* 48, f. 6, 1788—05.

*Phalæna-N. vitta*, *Bork. E. S.* iv. 482, 1792.

*Noctua domestica*, *Fab. E. S.* iii. 2, 23, 1794.

Var. *a.* *Noctua vitta*, *Hüb. No.* t. 115, f. 533, 34, 1813. *Step. H.* ii. 120, 1829.

Var. *b.* *Agrotis hortorum*, *Step. H.* ii. 122, 1829.

10. AGROTIS TRITICI. The White Line Dart. B. M.

*Phalæna-N. Tritici*, *Linn. F.* ii. No. 1211, 1761.

*Agrotis Tritici*, *Step. H.* ii. 121, 1829.

*Noctua Tritici*, *Goda. L. F.* v. 225, t. 65, f. 4, 5, 1824.

♂. *Noctua Praticola*, *Hüb. No.* t. 123, f. 567, 1814?

Var. *a.* *Noctua eruta*, *Hüb. No.* t. 136, f. 623, 1816.

Var. *b.* *Noctua recussa*, *Hüb. ? No.* t. 136, f. 630, 1816.

Var. *c.* *Noctua lineolata*, *Haw. L. B.* 223, 1810.

Var. *d.* *Phalæna-N. ignobilis*, *Hüfn.—(Berl. M.* iii. 306, 1769).

Var. *e.* *Noctua albilinea*, *Haw. L. B.* 223, 1810.

Var. *f.* *Noctua valligera*, *Haw. L. B.* 222, 1810.

*Agrotis cuneigera*, *Step. H.* ii. 123, 1829. *West. & H. M.* i. 120, t. 24, f. 7, 1842.

Var. *g.* *Agrotis sagittifera*, *Step. H.* ii. 119, 1829.

Var. *h.* *Agrotis ocellina*, *Step. H.* ii. 122, 1829.

f. GEORYX, p., *Hüb. V.* 227, 1816.

11. AGROTIS CURSORIA. The Coast Dart. B. M.

*Phalæna-N. cursoria*, *Bork. E. S.* iv. 562, 1792.

*Agrotis cursoria*, *West. & H. M.* i. 123, t. 24, f. 4, 1842.

*Noctua mixta*, *Fab. E. S.* iii. 2, 36, 1794.

Var. *a.* *Noctua concolorina*, *Haw. (Pr.* 19, 1802).

*Noctua concolor*, *Haw. L. B.* 243, 1810.

Var. *b.* *Agrotis venosa*, *Step. H.* ii. 123, 1829.

g. PSAMMOPHILA, *Step. MSS.*

## 12. AGROTIS RIPÆ. The Sand Dart. B. M.

*Noctua Ripæ*, *Hüb. No.* t. 151, f. 702, 703, 1824.

*Agrotis Baltica* (*Andersch.*), *teste Och.* v. 1, 174, 1825.

Var. a. *Agrotis De Syllii*, *Pierret.—Ann. E. S. Fr.* viii. 95, t. 8, f. 2, 1839, 9.

Var. b. *Agrotis nebulosa*, *Step. H.* ii. 127, t. 22, f. 1, 1829, ♀.

h. *BROTUS*, *Hüb. V.* t. 226, f. 1816.

## 13. AGROTIS NIGRICANS. The Garden Dart. B. M.

*Phalæna-N. nigricans*, *Linn. P. F. S.* ii. No. 1128, 1761.

*Agrotis nigricans*, *Step. H.* ii. 123, 1829. *West. & H. M.* i. 121, t. 24, f. 10, 12, 1842.

*Noctua fumosa*, *Schiff. (W. V.* 81, 1776).

*Agrotis fumosa*, *Step. H.* ii. 124, 1829.

♂. *Noctua carbonea*, *Hüb. No.* t. 151, f. 700, 701, 1824.

♀. *Noctua fumosa*, *Hüb. No.* t. 32, f. 153, 1799 ?

Var. a. *Noctua rubicans*, *Esp. S.* iv. (395); t. 130, f. 2, 3, 1788—95.

*Noctua ruris*, *Haw. L. B.* 221, 1810.

*Agrotis ruris*, *Step. H.* ii. 125, 1829. *Wood, I. E.* t. 9, f. 172, 1836.

Var. b. *Bombyx chrysostigmatus*, *Haw. (Pr.* 9, 1802).

Var. c. *Noctua sordida*, *Haw. L. B.* 222, 1810.

Var. d. *Noctua obeliscata*, *Haw. L. B.* 222, 1810.

*Agrotis obeliscata*, *Step. H.* ii. 124, 1829. *Wood, I. E.* t. 9, f. 146, 1836.

Var. e. *Noctua dubia*, *Haw. L. B.* 222, 1810.

*Agrotis dubia*, *Wood, I. E.* t. 8, f. 148, 1836.

Var. f. *Noctua unicolor*, *Hüb. P. No.* t. 117, f. 544, 1813 ?

Var. g. *Noctua fuliginea*, *Hüb. No.* t. 131, f. 602, 1816.

Var. h. *Agrotis Marshallana*, *West. & H. M.* i. 122, t. 24, f. 15, 1842.

i. *AGRONOMA*, p., *Hüb. V.* 227, 1816.

## 14. AGROTIS EXCLAMATIONIS. The Heart and Dart. B. M.

*Phalæna-N. exclamacionis*, *Linn. S. Nat.* i. 515, 1758.

*Agrotis exclamacionis*, *Step. H.* ii. 126, 1829. *West. & H. M.* i. 124, f. 13, 14, 1842.

*Phalæna Clavus*, *Hüb.*—(*Berl. M.* iii. 298, 1769).

♀. *Noctua picea*, *Haw. L. B.* 220, 1810.

Aber.? *Agrotis plaga*, *Step. H.* iv. 388, 1835. *Wood, I. E.* t. 52, f. 1660, 1840.

j. *OMIA*, *Hüb. V.* 244, 1816.

15. *AGROTIS PUTA*. The Shuttle-shaped Dart. B. M.

*Noctua puta*, *Hüb. No.* t. 52, f. 255, 1800.

*Bombyx radius*, *Haw. (Pr.* 10, 1802). *Id. L. B.* 119, 1803.

*Agrotis radia*, *Step. H.* ii. 119, 1829. *West. & H. M.* i. 117, t. 23, f. 12, 1842.

Var. a. *Noctua lignosa*, *Goda. L. F.* v. 241, t. 67, f. 5, 6, 1824.

Var. b. *Noctua radiola*, *Haw. MSS.*

*Agrotis radiola*, *Step. H.* ii. 119, t. 20, f. 1, 1829.

k. *SCOTIA*, p., *Hüb. V.* 226, 1816.

16. *AGROTIS CINEREA*. The Light Feathered Rustic. B. M.

*Phalæna-N. cinerea*, *Bork. E. S.* iv. 547, 1794.

*Agrotis cinerea*, *Cur. B. E.* iii. t. 165, 1827. *Step. H.* ii. 127, 1829.

*Bombyx denticulatus*, *Haw. (Pr.* 11, 1802). *Id. L. B.* 133, 1803.

Var. ♀. *Noctua obscura*, *Hüb. No.* t. 104, f. 490, 1811? ♀.

## 108. CÆNOPHILA.

*Cænophila*, *Step. MSS.*

*Graphiphora*, p., *Step. (olim.) H.* ii. 129.

1. *CÆNOPHILA SUBROSEA*. The Rosy Marsh Moth. B. M.

*Graphiphora subrosea*, *Step. H.* ii. 200, t. 19, f. 1, ♂, 1829.

*Graphiphora rhomboidea*, *Step. (olim.) H.* ii. 128, 1829.

## 109. SPÆLOTIS.

*Spælotis*, *Bois. I. M.* 2 ed. 106, 1840.

*Graphiphora*, p., *Step. H.* ii. 129, 1829.

a. *RHYACIA*, *Hüb. V.* 209, 1816.

1. *SPÆLOTIS ASHWORTHII*. The Welsh Rustic. B. M.

*Spælotis Vallesiaca*, *Stainton, Ent. Annual*, 1854, p. 41, front f. 2, (an *H.-Schaff.*?)

*Agrotis Ashworthii*, *Doubleday, Zool.* 4749, (July 1855).

2. *SPÆLOTIS CATALEUCA*. The Northern Rustic. B. M.

*Noctua cataleuca*, *Bois.—Ann. E. S. Fr.* ii. 377, t. 14, f. 2, 1833.

*Graphiphora renigera*, *Step. H.* ii. 129, 1829. *West. & H. M.* i. 126, t. 25, f. 2, 3, 1842.

*Phalæna-N. lucerneæ*, *Linn. ? F.* ii. No. 1152, 1761.

b. *OGYGIA*, p., *Hüb. V.* 225, 1816.

3. *SPÆLOTIS RAVIDA*. The Stout Dart. B. M.

*Noctua ravida*, *Schiff. (W. V.* 80, 1776).

*Phalæna-N. obelisca*, *View. T. V.* ii. 60, 1790.

*Phalæna-N. obscura*, *Brahm. I. K.* ii. 191, 1790.

*Noctua crassa*, *Haw. L. B.* 220, 1810.

*Graphiphora crassa*, *Step. H.* ii. 130, 1829. *West. & H. M.* i. 127, t. 25, f. 5, 1842.

♂. *Noctua obducta*, *Esp. S.* iv. (452), t. 142, *Noct.* 63, f. 4, 1788—96.

♀. *Noctua austera*, *Esp. S.* iv. (452), t. 142, *Noct.* 63, f. 5, 1788—96.

Var. *a. Noctua bigramma*, *Esp. S.* iv. (490), t. 150, *Noct.* 71, f. 2, 1788—97.

c. *EPIPSILIA*, *Hüb. V.* 210, 1816.

4. *SPÆLOTIS PYROPHILA*. The Dotted Rustic. B. M.

*Noctua pyrophila*, *Schiff. (W. V.* 71, 1776).

*Graphiphora pyrophila*, *Step. H.* ii. 130, 1829. *West. & H. M.* i. 126, t. 25, f. 4, 1842.

*Phalæna-N. simulans*, *Hüb. — (Berl. M.* iii. 396, 1769?)

*Noctua tristis*, *Fab. E. S.* iii. 2, 118, 1794.

*Noctua radicea*, *Esp. S.* iv. (453), t. 143, *Noct.* 64, f. 1—3, 1788—96.

5. *SPÆLOTIS DISTINGUENDA*. The Allied Rustic. B. M.

*Spælotis distinguenda*, *Step. MSS.*

*Graphiphora latens*? *Step. H.* ii. 129, 1829. *Wood, I. E.* t. 9, f. 155, 1836.



d. EXARNIS, p., *Hüb. V.* 225, 1816.

6. SPÆLOTIS AUGUR. The Double Dart. B. M.

*Noctua augur*, *Fab. M.* ii. 152, 1787.

*Graphiphora augur*, *Step. H.* ii. 131, 1829. *West. & H. M.* i. 127, t. 25, f. 6, 7, 1842.

*Phalæna-N. assimilans*, *Bork. E. S.* iv. 209, 1792.

*Phalæna-N. Omega*, *Bork. E. S.* iv. 565, 1792.

*Noctua Omega*, *Esp. S.* iv. (398), t. 131, *Noct.* 52, f. 2, 1788—95.

*Noctua cinctina*, *Haw. (Pr.* 17, 1802).

109a. OPIGENA.

*Opigena*, *Bois. I. M. red.* 103, 1840.

1. OPIGENA TENNICA. The Beautiful Dart.

*Noctua Tennica*, *Fausc.—Evers. Bull. S. J. M.* 38, 1837.  
*H.-Schæff.* t. 30, f. 106, 107, 1846.

*Opigena Tennica*, *Step. C. & B.* 310, 1850.

110. GRAPHIPHORA.

*Graphiphora*, *Och. (S.* iv. 68, 1816, 3).

*Noctua*, *Treit. S.* v. 1, 206, 1825.

a. AMATHES, p., *Hüb. V.* 222, 1816, 9.

1. GRAPHIPHORA BAJA. The Dotted Clay. B. M.

*Noctua baja*, *Schiff. (W. V.* 77, 1776).

*Graphiphora baja*, *Step. H.* ii. 134, 1829. *West. & H. M.* i. 130, t. 25, f. 8, 9, 1842.

Var. a. *Noctua tricomma*, *Esp. S.* iv. (603), t. 167, f. 6, 1789—99.

b. DIARSIA, *Hüb. V.* 222, 1816.

2. GRAPHIPHORA BRUNNEA. The Purple Clay. B. M.

*Noctua brunnea*, *Schiff. (W. V.* 77, 1776).

*Graphiphora brunnea*, *Step. H.* ii. 131, 1829. *West. & H. M.* i. 128, t. 25, f. 11, 1842.

*Phalæna-N. Fragrariæ*, *Bork. E. S.* iv. 497, 1792.

*Noctua lucifera*, *Esp. S.* iv. (453), t. 142, *Noct.* 63, f. 6, 1788—96.

## 3. GRAPHIPHORA FESTIVA. The Ingrailed Clay. B. M.

*Noctua festiva*, *Schiff.* (*W. V.* 77, 1776).

*Graphiphora festiva*, *Step. H.* ii. 134, 1829. *West. & H. M.* i. 131, t. 26, f. 1, 1842.

*Phalæna-N. Primulæ*, *Bork. E. S.* iv. 511, 1792.

*Noctua mendica*, *Fab. E. S.* iii. 2, 93, 1794.

Var. *a.* *Noctua subrufa*, *Haw. L. B.* 227, 1810.

Var. *b.* *Noctua Dahlii*, *Goda. L. F.* v. 189, t. 62, f. 1, 2, 1824.

## 4. GRAPHIPHORA DAHLII. The Barred Chestnut. B. M.

*Noctua Dahlii*, *Hüb. No.* t. 99, f. 465, 466, 1810.

*Graphiphora Dahlii*, *Step. H.* ii. 134, 1829. *West. & H. M.* i. 131, t. 25, f. 12, 1842.

*Noctua erythrocephala*, *Haw. L. B.* 227, 1810.

Var. *a.* *Graphiphora candelisequa*, *Step. H.* ii. 132, 1829.

## 5. GRAPHIPHORA RUBI. The Small Square-spot. B. M.

*Noctua Rubi*, *View. T. V.* ii. 57, t. 3, f. 5, 1790.

*Phalæna-N. xanthographa*, *Brahm. I. K.* ii. 112, 1791.

*Phalæna-N. bella*, *Bork. E. S.* iv. 605, 1792.

*Graphiphora bella*, *West. & H. M.* i. 132, t. 26, f. 6, 1842.

*Noctua quadratum*, *Hüb. No.* t. 101, f. 447, ♂, 1810.

*Noctua punicea*, *Haw. L. B.* 228, 1810.

*Graphiphora punicea*, *Step. H.* ii. 135, 1829.

c. MEGASEMA, *Hüb. V.* 222, 1816.

## 6. GRAPHIPHORA RHOMBOIDEA. The Square-spotted Clay. B. M.

*Noctua rhomboidea*, *Esp. S.* iv. (485), t. 149, *Noct.* 70, f. 3, 1789—97.

*Noctua stigmatica*, *Hüb. No.* t. 100, f. 470, 471, 1810.

*Graphiphora tristigma?* *Step. H.* ii. 132, 1829. *West. & H. M.* i. 129, t. 25, f. 10, 1842.

## 7. GRAPHIPHORA DITRAPEZIUM.\* Triple-spotted Clay.

*Phalæna-N. ditrapezium*, *Bork. E. S.* iv. 515, 1792.

*Noctua ditrapezium*, *Hüb. No.* t. 24, f. 113, ♀, 1798, t. 100, f. 472, ♂, 1810.

*Graphiphora tristigma*, *Treit. S.* v. 1, 243, 1825.

*Graphiphora Sigma*, var., *Goda. L. F.* v. 176, t. 71, f. 3,\* 1825.

## 8. GRAPHIPHORA TRIANGULUM. The Double-square Spot. B. M.

*Phalæna triangulum*, Hüfn.—(*Berl. M.* iii. 306, 1769).

*Graphiphora triangulum*, *Step. H.* ii. 133, 1829. *West. & H. M.* i. 130, t. 26, f. 3, 1842.

*Noctua ditrapezium*, *Schiff.* ? (*W. V.* 312, 1776).

*Noctua Sigma*, *Hüb. No.* t. 106, f. 597, 1815?

[B. M.]

## 9. GRAPHIPHORA C.-NIGRUM. The Setaceous Hebrew Character.

*Phalæna-N. C.-nigrum*, *Linn. S. Nat.* i. 516, 1758.

*Graphiphora C.-nigrum*, *Step. H.* ii. 136, 1829. *West. & H. M.* i. 132, t. 26, f. 4, 5, 1842.

*Noctua triangulum*, *Rotten.—Naturf.* ix. 126, 1784?

*Noctua gothica*, var., *Esp. S.* iii. 383, t. 76, f. 3, 1785.

*Phalæna-N. Nun-atrum*, *Bork. E. S.* iv. 495, 1792.

d. EUGRAPHE, p., *Hüb. V.* 224, 1816.

## 10. GRAPHIPHORA DEPUNCTA. The Plain Clay. B. M.

*Phalæna-N. depuncta*, *Linn. F. S.* ii. No. 1214, 1761.

*Graphiphora depuncta*, *Step. H.* ii. 133, 1829. *West. & H. M.* i. 130, t. 26, f. 14, 1842.

*Noctua mendosa*, *Hüb. No.* t. 26, f. 120, 1798. *Id.* t. 107, f. 502, 1811.

## 11. GRAPHIPHORA GLAREOSA. The Autumnal Rustic. B. M.

*Noctua glareosa*, *Esp. S.* iv. (387), t. 128, *Noct.* 49, f. 3, 1788—95.

*Graphiphora glareosa*, *Step. H.* ii. 159, t. 21, f. 1, 1829.

*Noctua Hebraica*, *Hüb. No.* t. 140, f. 642, 643, 1816.

*Graphiphora I-geminum*, *Dup. L. F.* vi. 80, t. 77, f. 6, 1826.

e. OCHROPLEURA, *Hüb. V.* 223, 1816.

## 12. GRAPHIPHORA PLECTA. The Flame Shoulder. B. M.

*Phalæna-N. plecta*, *Linn. F. S.* ii. No. 1216, 1761.

*Graphiphora plecta*, *Step. H.* ii. 136, 1829. *West. & H. M.* i. 133, t. 26, f. 7, 8, 1842.

## 111. CERASTIA.

*Cerastia*, p., *Step. MSS.*

*Cerastis*, p., *Hüb. V.* 228, 1816.

## 1. CERASTIA LEUCOGRAPHA. The Early Chestnut. B. M.

*Noctua leucographa*, *Hüb. No. t.* 124, f. 572, 1814?

*Noctua cervina*, *Hüb. (V.* 228, 1816).

Var. *a.* *Noctua Lepetitii*, *Bois. Ic. t.* 83, f. 2, 1835.

## 112. LYCOPHOTIA.

*Lycophotia*, *Hüb. V.* 215, 1816.

*Scotophila*, *Step. H. iii.* 18, 1829.

*Chersotis*, †††, *Bois. I. M.* 2 ed. 103, 1840.

## 1. LYCOPHOTIA PORPHYREA. The True Lover's Knot. B. M.

*Noctua porphyrea*, *Schiff. (W. V.* 83, 1776).

*Scotophila porphyrea*, *Step. H. iii.* 19, 1829.

*Phalæna-N. varia*, *Vill. E. ii.* 276, 1789.

*Phalæna birivia*, *Bork. E. S. iv.* 206, 1792.

*Noctua picta*, *Fab. E. S. iii.* 2, 91, 1794.

*Noctua concinna*, *Esp. S. iv.* (500), t. 152, *Noct.* 73, f. 1, 1789—97.

*Phalæna Ericæ*, *Don. B. I. x.* 93, t. 360, f. 1, 1801.

## Sub-F. II. ORTHOSIDI.

*Orthosidi*, *Guén.—Ann. S. E. Fr. viii.* 473, 1839.

## 113. SEMIOPHORA.

*Semiophora*, *Step. (Cat. ii.* 70, 1829). *Id. H. ii.* 138, 1829.

*Episema*, p., *Hüb. V.* 224, 1816.

*Tæniocampa*, p., *Guén.—Ann. S. E. Fr. viii.* 483, 1839.

## 1. SEMIOPHORA GOTHICA. The Hebrew Character. B. M.

*Phalæna-B. gothica*, *Linn. S. Nat. i.* 516, 1758.

*Semiophora gothica*, *Step. H. ii.* 138, 1829. *West. & H. M.* i. 134, t. 27, f. 1, 1842.

*Noctua Nun-atrum*, *Schiff. (W. V.* 78, 1776).

*Phalæna-N. C. nigrum*, *Vill. E. ii.* 183, 1789.

Var. *a.* *Phalæna sigma*, *Don. B. I. xvi.* 61, t. 562, 1813.

## 114. PANOLIS.

*Panolis*, *Hüb. V.* 214, 1816.

*Achatia*, *Cur. B. E. iii. fo.* 117, 1826.

*Trachea*, Guén.—*Ann. E. S. Fr.* viii. 475, 1839. *Doub.* (*L.* 8, 1848).

1. *PANOLIS PINIPERDA*. The Pine Beauty. B. M.

*Noctua piniperda*, Küb. *Forl. P.* 51, t. 1—3, 1786.

*Achatia piniperda*, *Step. H.* iii. 19, 1829.

*Noctua flammea*, *Schiff. P.* (*W. V.* 87, 1776).

*Noctua telifera*, *Payk.*—*Act. Holm.* xlviii. 58, t. 2, f. 2, 3, 1786.

*Noctua spreta*, *Fab. M.* ii. 124, 1787. *Cur. B. E. M.* t. 117, 1826.

*Phalæna-N. Pini*, *Vill. E.* ii. 278, 1789.

115. GLÆA.

*Glæa*, *Step. (Cat.* ii. 76, 1829). *Id. H.* ii. 159, 1829.

*Cerastis*, p., *Hüb. V.* 228, 1816.

*Tæniocampa*, p., *Guén.*—*Ann. S. E. Fr.* viii. 480, 1839.

1. *GLÆA RUBRICOSA*. The Red Chestnut. B. M.

*Noctua rubricosa*, *Schiff. (W. V.* 77, 1776).

*Glæa rubricosa*, *Step. H.* ii. 160, 1829.

*Phalæna-N. pilicornis*, *Bork. E. S.* iv. 536, 1792.

*Noctua mucida*, *Esp. S.* iv. (482), t. 148, *Noct.* 69, f. 4, 1789—97.

*Noctua rufa*, *Haw. L. B.* 232, 1810. *Hatchett.*—*Ent. Tr.* i. 244, t. 5, fig. sup. 1810.

Var. *a.* *Noctua mixta*, *Hüb. No.* t. 109, f. 509, 1812.

116. ORTHOSIA.

*Orthosia*, *Och.*—*Hüb. V.* 228, 1816.

*Tæniocampa*, *Guén.*—*Ann. E. S. Fr.* viii. 477, 1839.

a. *TÆNIOCAMPA*, *Guén. ut supra.*

1. *ORTHOSIA INSTABILIS*. The Clouded Drab. B. M.

*Noctua instabilis*, *Schiff. (W. V.* 76, 1776).

*Orthosia instabilis*, *Step. H.* ii. 140, 1829. *West. & H. M.* i. 134, t. 27, f. 2—4, 1842.

*Bombyx fuscatus*, *Haw. L. B.* 122, 1803.

Var. *a.* *Noctua contracta*, *Esp. S.* iv. (496), t. 151, *Noct.* 72, f. 2, 1789—97.

Var. *b.* *Noctua trigutta*, *Esp.* *P. S.* iv. (474), t. 147, *Noct.* 68, f. 4, 1789—97. *West. & H. M.* l. c. f. 3.

*Bombyx nebulosus*, *Haw.* *L. B.* 120, 1803.

Var. *c.* *Bombyx subsetaceus*, *Haw.* (*Pr.* 9, 1802). *Id.* *L. B.* 120, 1803.

Var. *d.* *Bombyx angusta*, *Haw.* *L. B.* 122, 1803.

Var. *e.* *Noctua firma*, *Hüb.* *P. No.* t. 147, f. 676—677, 1816.

Var. *f.* *Orthosia confluens*, *Step.* *MSS.*

2. *ORTHOZIA OPIMA.* The Northern Drab. B. M.

*Noctua opima*, *Hüb.* *No.* t. 90, f. 424, 1806.

*Orthosia biannularis*, *Cur.* *P. (Gu.* i. 147, 1830).

3. *ORTHOZIA POPULETI.* The Lead-coloured Drab. B. M.

*Noctua Populeti*, *Fab. M.* ii. 130, 1787.

*Noctua donasa*, *Esp.* *P. S.* iii. 264, t. 52, f. 7, 1784?

*Bombyx subplumbeus*, *Haw.* *L. B.* 121, 1803.

*Orthosia gracilis*, *Step.* *H.* ii. 141, 1829. *Wood, I. E.* t. 10, f. 173.

*Orthosia ocularis*, *Frey.* *B.* i. 168, t. 95, f. 2, 1832.

Var. *a.* *Orthosia intermedia*, *Step.* *H.* ii. 140, 1829. *Wood, I. E.* t. 10, f. 172.

4. *ORTHOZIA GRACILIS.* The Powdered Quaker. B. M.

*Noctua gracilis*, *Schiff.* (*W. V.* 76, 1776).

*Noctua collinita*, *Esp.* *S.* iv. (505), t. 152, *Noct.* 73, f. 6, 1789—97.

*Bombyx sparsus*, *Haw.* (*Pr.* 9, 1802). *Id.* *L. B.* 122, 1803.

*Orthosia sparsa*, *Step.* *H.* ii. 147, 1829. *West. & H. M.* i. 136, t. 28, f. 12, 1842.

Var. *a.* *Phalæna-N. lepida*, *Bork. E. S.* iv. 600, 1792.

Var. *b.* *Orthosia pallida*, *Step.* *H.* ii. 143, 1829.

5. *ORTHOZIA MUNDA.* The Twin-spotted Quaker. B. M.

*Noctua munda*, *Schiff.* (*W. V.* 76, 1776).

*Orthosia munda*, *Step.* *H.* ii. 141, 1829. *West. & H. M.* i. 135, t. 27, f. 6, 1842.

*Phalæna-N. gemina*, var., *Bork. E. S.* iv. 705, 1792.

*Noctua munda* (*Lota*), *Hüb.* *No.* t. 35, f. 166, 1799.

*Bombyx geminatus*, *Haw.* *L. B.* 121, 1803.

Var. *a.* *Bombyx bimaculatus*, *Haw.* *L. B.* 121, 1803.

b. CUPHANO, *Hüb. V.* 230, 1816.

## 6. ORTHOSIA STABILIS. The Common Quaker. B. M.

*Noctua stabilis*, *Schiff. (W. V.* 76, 1776).

*Orthosia stabilis*, *Step. H.* ii. 143, 1829. *West. & H. M.* i. 137, t. 28, f. 1, 1842.

*Noctua Cerasi*, *Fab. ? M.* ii. 146, 1787.

Var. a. *Bombyx junctus*, *Haw. (Pr.* 9, 1802). *Id. L. B.* 123, 1803.

Var. b. *Noctua rufannulata*, *Haw. L. B.* 242, 1810.

Var. c. *Noctua pallida*, *Haw. L. B.* 242, 1810.

c. MONIMA, *Hüb. V.* 229, 1816.

## 7. ORTHOSIA MINIOSA. The Blossom Underwing. B. M.

*Noctua miniosa*, *Schiff. (W. V.* 88, 1776).

*Orthosia miniosa*, *Step. H.* ii. 144, 1829. *West. & H. M.* i. 137, t. 28, f. 2, 3, 1842.

*Noctua rubricosa*, *Esp. S.* iii. 381, t. 75, f. 3, 1785.

*Noctua serratina*, *Haw. (Pr.* 15, 1802).

## 8. ORTHOSIA CRUDA. The Small Quaker. B. M.

*Noctua cruda*, *Schiff. (W. V.* 77, 1776).

*Orthosia cruda*, *Step. H.* ii. 144, 1829. *West. & H. M.* i. 137, t. 27, f. ii. t. 28, f. 12, 1842.

*Noctua pulverulenta*, *Esp. S.* iii. 386, t. 76, f. 5, 6, 1785.

*Noctua ambigua*, *Hüb. No.* t. 36, f. 173, 1799.

*Bombyx nanus*, *Haw. (Pr.* 9, 1802). *Id. L. B.* 124, 1803.

Var. a. *Noctua pusilla*, *Haw. L. B.* 124, 1803.

*Orthosia pusilla*, *Step. H.* ii. 145, 1829. *West. & H. M.* i. 138, t. 27, f. 10, 1842.

d. ORTHOSIA, *Guén.—Ann. S. E. Fr.* viii. 480, 1839.

## 9. ORTHOSIA LOTA. The Red-line Quaker. B. M.

*Phalæna-N. Lota*, *Linn. F. S.* ii. No. 1137, 1761.

*Orthosia Lota*, *Step. H.* ii. 147, 1828. *West. & H. M.* i. 137, t. 28, f. 9, 1842.

*Phalæna-N. Hippophaës*, *Vill. E.* ii. 178, 1789.

*Noctua Lota (munda)*, *Hüb. No.* 35, f. 167, 1799.

## 10. ORTHOSIA MACILENTA. The Yellow-line Quaker. B. M.

*Noctua macilenta*, *Hüb. No.* t. 89, f. 418, 1806.

*Orthosia macilenta*, *Step. H.* iii. 68, 1829. *West. & H. M.* i. 140, t. 28, f. 9, ♂, 1842.

*Noctua flavilinea*, *Haw. L. B.* 243, 1810.

*Orthosia flavilinea*, *Step. H.* ii. 148, t. 19, f. 2, 1829.

e. CARADRINA, p., *Hüb. V.* 230, 1816.

*Orthosia*, p., *Guén.—Ann. S. E. Fr.* viii. 480, 1839.

## 11. ORTHOSIA? NEGLECTA. The Neglected Rustic. B. M.

*Noctua neglecta*, *Hüb. No.* t. 34, f. 160, 1799.

*Segetia neglecta*, *Step. H.* ii. 154, t. 21, f. 2, 1829.

Var. a. *Noctua lævis*, *Haw. L. B.* 207, 1810.

## 12. ORTHOSIA? SOBRINA. The Scotch Rustic.

*Noctua sobrina*, *Boisd. Guén. Spec. gen. V.* 335. *Dup. Suppl.* iv. pl. 69, f. 5. *Herr.-Schäff.* 127—129.

## 13. ORTHOSIA? CONGENER. The Allied Rustic. B. M.

*Noctua congener*, *Hüb. No.* t. 181, f. 862, 1834?

Var. a. *Caradrina iners*, *Treit. S.* v. 2, 271, 1825.

Var. ? b. *Noctua suspecta*, *Hüb. No.* t. 138, f. 633, 1816.

## 14. ORTHOSIA? HYPERBOREA?\* The Mountain Drab.

*Hadena hyperborea*? *Dalm. in litt.?* *Zett. I. L.* 938, 1840.

*Agrotis alpina*, *West. & H. M.* i. 118, t. 23, f. 13, 1842.

f. ORRHODIA, p., *Hüb. V.* 231, 1816.

## 15. ORTHOSIA? RUTICILLA.\* The Reddish Drab.

*Noctua ruticilla*, *Esp. S.* iv. (525), t. 157, *Noct.* 78, f. 1, 1789—98.

*Noctua Serpylli*, *Hüb. No.* t. 104, f. 488, ♂, 489, ♀, 1811.

## 117. ANCHOCELIS.

*Anchoscelis*, *Guén.—Ann. S. E. Fr.* viii. 483, 1839.

*Anthocelis*, *Doub.—(Entom.* 378, 1842).

*Anchoscelis* (pro *Anthocelis*), *Step. B. & H.* 84, 185.



a. AMATHES, p., *Hüb. V.* 222, 1816.

B. M.

## 1. ANCHOCELIS LITURA. The Brown-spot Pinion.

Phalæna-N. Litura, *Linn. F. S.* ii. No. 1213, 1761.Orthosia Litura, *Step. H.* ii. 145, 1829. *West. & H. M.* i. 138, t. 28, f. 4, 1842.Noctua polluta, *Esp. S.* iv. (383), t. 127, *Noct.* 48, f. 5, 1788—95.Noctua costina, *Haw. (Pr.* 15, 1802).Var. a. Phalæna-N. depuncta, *Bork. E. S.* iv. 528, 1792.Var. b. Orthosia ornatrix, *Frey. B.* i. 167, t. 95, f. 1, 1832.b. AGROCHOLA, *Hüb. V.* 229, 116.

## 2. ANCHOCELIS PISTACINA. The Beaded Chestnut.

B. M.

Noctua Pistacina, *Schiff. (W. V.* 77, 1776).Orthosia Pistacina, *Step. H.* ii. 146, 1829. *West. & H. M.* i. 138, t. 28, f. 5—8, 1842.Noctua serina, *Esp. S.* iv. (522), 156, *Noct.* 77, f. 1, 2, 1789—98.Noctua sexpunctina, *Haw. (Pr.* 5, 1802).Noctua Lychnidis, *Dup. L. F.* vi. 113, t. 80, f. 5, 1826.Var. a. Noctua Lychnidis, *Fab. E. S.* iii. 2, 45, 1794.Noctua canaria, *Esp. S.* iv. (524), t. 156, *Noct.* 77, f. 5, 6, 1789—98.Phalæna lincola, *Don. B. I.* x. 94, t. 360, f. 2, 1801.Var. b. Noctua Shænobæna, *Esp. S.* iv. (525), t. 157, *Noct.* 78, f. 1, 2, 1789—98.Noctua sphærolatina, *Haw. (Pr.* 13, 1802).Var. c. Noctua rubetra, *Esp. S.* iv. (523), t. 156, *Noct.* 77, f. 3, 4, 1789—98.Noctua ferrea, *Haw. L. B.* 231, 1810.Var. d. Noctua veyosa, *Haw. L. B.* 232, 1810.

## 3. ANCHOCELIS LUNOSA. The Lunar Underwing.

B. M.

Noctua lunosa, *Haw. L. B.* 230, 1810.Orthosia lunosa, *Cur. B. E.* v. t. 237, 1828. *Step. H.* ii. 147, 1829.Orthosia subjecta, *Dup. L. F. Sup.* iii. 295, i. 27, f. 3, 1830?Anchocelis Agrotoides, *Guén.—Ann. S. E. Fr.* viii. 486, 1839.Orthosia humilis, *West. & H. M.* i. 139, t. 27, f. 7, 8, 1842.Var. ? a. Noctua neurodes, *Hüb. No.* t. 123, f. 568, 1814.

## 118. DASYCAMP A.

*Dasycampa*, *Guén.*—*Ann. S. E. Fr.* vi. 224, 1837.

*Orrhodia*, p., *Hüb.* V. 231, 1816.

*Omalosoma*, *Guén. (olim.)*.

## 1. DASYCAMP A RUBIGINEA. The Dotted Chestnut. B. M.

*Noctua rubiginea*, *Schiff.* (*W.* V. 86, 1776).

*Glæa rubiginea*, *Step. H.* ii. 161, 1829.

*Noctua tigrina*, *Esp. S.* iv. (331), t. 123, *Noct.* 44, f. 3, 4, 1788—92.

*Dasycampa rubiginea*, *West. & H. M.* i. 148, t. 30, f. 3, 4, 1842.

Var. *a.* *Phalæna-N. sulphurago*, *Bork. E. S.* iv. 679, 1792.

## 119. ORRHODIA.

*Orrhodia*, *Hüb.* V. 231, 1816.

*Cerastis* D., *Och.* (*S.* iv. 84, 1816).

## 1. ORRHODIA VACCINII. The Chestnut. B. M.

*Phalæna-N. Vaccinii*, *Linn. F. S.* ii. No. 1212, 1761.

*Glæa Vaccinii*, *Step. H.* ii. 161, 1829. *West. & H. M.* i. 148, t. 30, f. 5, 6, 1842.

Var. *a.* *Noctua polita*, *Schiff.* (*W.* V. 85, 1776).

*Glæa polita*, *Step. H.* ii. 162, 1829. *Wood, I. E.* t. 11, f. 212, 1835.

Var. *b.* *Noctua spadicea*, *Haw. L. B.* 233, 1810.

• *Glæa spadicea*, *Wood, I. E.* t. 11, f. 210, 1835.

## 2. ORRHODIA LIGULA. The Dark Chestnut. B. M.

*Noctua Ligula*, *Esp. S.* iv. (595), t. 166, *Noct.* 87, f. 3, 1789—99.

Var. *a.* *Noctua spadicea*, *Hüb. No.* t. 37, f. 179, 1799.

*Glæa spadicea*, *Step. H.* ii. 162, 1829.

*Noctua castanea*, *Marsh.—Haw. (Pr.* 15, 1802).

Var. *b.* *Noctua subnigra*, *Haw. L. B.* 234, 1810.

*Glæa subnigra*, *Step. H.* ii. 162, 1829, 5. *Cur. B. E.* vi. t. 268, 1829, 7.

## 3. ORRHODIA ERYTHROCEPHALA.\* The Red-headed Chestnut.

*Noctua erythrocephala*, *Schiff.* (*W.* V. 77, 1776).

*Noctua Vaccinii*, var., *Esp. S.* iv. (553), t. 162, *Noct.* 43, f. 1, 2, 1789—98.

Var. a. *Phalæna-N. Silene*, *Bork. E. S.* iv. 741, 1792.

Var. b. *Noctua glabra*, *Schiff. (W. V.* 114, 1776).

## 120. EUPSILIA.

*Eupsilia*, *Hüb. V.* 231, 1816.

*Glæa*, *B. b.*, *Step. H.* ii. 163, 1829.

*Scopelosoma*, *Cur. B. E.* xiv. fo. 635, 1837, 3.

*Mecoptera*, *Guén.—Ann. S. E. Fr.* vi. 225, 1837, 7.

### 1. EUPSILIA SATELLITIA. The Satellite.

B. M.

*Phalæna-N. Satellitia*, *Linn. S. Nat.* ii. 855, 1767.

*Glæa Satellitia*, *Step. H.* ii. 163, 1829.

*Scopelosoma Satellitia*, *Cur. B. E.* xiv. t. 635, 1837.

Var. a. *Phalæna-N. transversa*, *Hüfn.—(Berl. M.* iv. 418, 1770 ?)

## Sub-F. III. AMPHIPYRIDI.

*Amphipyridi*, *Guén.—Ann. E. S. Fr.* vii. 107, 1838.

## 121. AMPHIPYRA.

*Amphipyra*, *Och. (S.* iv. 70, 1816, 3). *Treit. S.* v. 1, 276, 1825.

*Pyrois*, *Hüb. V.* 208, 1816, 9.

*Philopyra*, *A.*, *Guén.—Ann. E. S. Fr.* vii. 116, 1838.

### 1. AMPHIPYRA PYRAMIDEA. The Copper Underwing.

B. M.

*Phalæna-N. pyramidea*, *Linn. S. Nat.* i. 518, 1758.

*Amphipyra pyramidea*, *Step. H.* ii. 164, 1829. *West. & H. M.* i. 151, t. 30, f. 11, 12, 1842.

## 122. SCOTOPHILA.

*Scotophila*, *Hüb. V.* 209, 1816.

*Pyrophila*, *Step. (Cut.* ii. 77, 1829). *Id. H.* ii. 164, 1829.

*Philopyra C.*, *Guén.—Ann. E. S. Fr.* vii. 116, 1838.

### 1. SCOTOPHILA TRAGOPOGONIS. The Mouse.

B. M.

*Phalæna-N. Tragopogonis*, *Linn. F.* ii. No. 1189, 1761.

*Pyrophila Tragopogonis*, *Step. H.* ii. 165, 1829.

*Noctua Tragopognis*, *Hüb. No.* t. 8, f. 40, 1796?

*Phalæna Tragopoginis*, *Don. B. I.* vii. 18, t. 223, f. 2, 1798.

Var. *a.* *Noctua tetra*, *Haw. L. B.* 164, 1810.

*Pyrophila tetra*, *Step. H.* ii. 165, 1829. *Wood, I. E.* t. 11, f. 215, 1836.

### 123. NÆNIA.

*Nænia*, *Step. (Cat. ii.* 77, 1829). *Id. H.* iii. 165, 1829.

*Mormo*, p., *Och. (S.* iv. 70, 1816).

*Hadena*, t., *Hüb. V.* 216, 1816.

*Mania*, p., *Treit. S.* v. 1, 294, 1825.

*Lemuris*, *Cur. (G.* 148, 1831).

#### 1. NÆNIA TYPICA. The Gothic.

B. M.

*Phalæna typica*, *Linn. S. Nat.* i. 518, 1758.

*Nænia typica*, *Step. H.* ii. 166, 1829.

*Lemuris typica*, *West. & H. M.* i. 152, t. 30, f. 17, 18, 1842.

*Noctua venosa*, *Hüb. No.* t. 13, f. 61, 1798?

*Noctua excusa*, *Exp. S.* iv., *Sup.* 70, t. 197, *Noct.* 48, f. 1—3, 1802?

### Sub-F. IV. XYLINIDI.

*Xylinidi*, *Guén.—Ann. E. S. Fr.* viii. 500, 1839.

*Xylænæ*, *Hüb. (V.* 241, 1816).

### 124. DYPTERYGIA.

*Dypterygia*, *Step. (Cat. ii.* 77, 1829). *Id. H.* ii. 167, 1829.

*Calliergis*, p., *Hüb. V.* 224, 1816.

*Cloantha*, p., *Guén.—Ann. E. S. Fr.* viii. 509, 1839.

*Luperina*, p., *Bois. I. M.* 114, 1840.

#### 1. DYPTERYGIA PINASTRI. The Bird's Wing.

B. M.

*Phalæna-N. Pinastri*, *Linn. F.* ii. No. 1188, 1761.

*Phalæna Pinastri*, *Don. B. I.* x. 58, t. 347, f. 2, 1801.

*Dypterygia Pinastri*, *Step. H.* ii. 168, 1829.

*Phalæna-N. Dyptreygia*, *Hüfn.—(Berl. M.* iii. 300, 1769).

### 125. APOROPHYLA.

*Aporophyla*, *Guén.—Ann. E. S. Fr.* x. 2, 46, 1841.

*Aporophila*, *Doub. (L.* 27, 1850).

*Agrotis*, p., *Cur. (B. E.* iii. fo. 165, 1827).

*Egira*, p., *Dup. C.* 162, 1846.

1. *APOROPHYLA AUSTRALIS*. The Feathered Brindle. B. M.  
*Xylina australis*, *Bois. I. M. Add.* 6, 1829. *Frey. B.* iii. 27,  
 t. 209, f. 4, 1839.  
*Xylina?* *australis*, *Ramb.—Ann. E. S. Fr.* i. 291, t. 9, f. 8, ♀,  
 1832.  
*Agrotis pascuea*, *Cur. (B. E. iii. fo.* 165, 1827). *West. & H.*  
*M.* i. 123, t. 24, f. 2, 1842.

## 126. LITHOMOIA.

*Lithomoia*, *Hüb. V.* 244, 1816.  
*Lithomia*, *Cur. B. E. fo.* 683, 1838.  
*Cloantha*, p., *Guén.—Ann. E. S. Fr.* viii. 509, 1839.  
*Egira*, p., *Dup. C.* 162, 1846.

1. *LITHOMOIA SOLIDAGINIS*. The Golden-rod Brindle. B. M.  
*Noctua Solidaginis*, *Hüb. No.* t. 53, f. 256, 1800.  
*Lithomia Solidaginis*, *Cur. B. E. xv.* t. 683, 1838.

## 127. XYLINA.

*Xylina*, *Step. H.* ii. 168, 1829.

a. LITHOPHANE, *Hüb. V.* 242, 1816.

*Asteroscopus*, p., *Bois. (I. M.* 59, 1829).  
*Egira*, p., *Dup. C.* 162, 1846.

1. *XYLINA PULLA*. The Ash Shoulder-knot. B. M.  
*Noctua pulla*, *Schiff. (W. V.* 76, 1776).  
*Xylina pulla*, *Step. H.* ii. 170, 1829. *West. & H. M.* i. 154,  
 t. 31, f. 2, 1842.

2. *XYLINA CONSPICILLARIS*. The Silver Cloud. B. M.

*Phalæna-N. conspicillaris*, *Linn. S. Nat.* i. 515, 1758.  
*Xylina conspicillaris*, *Step. H.* ii. 169, 1829. *Wood, I. E.* t.  
 11, f. 218, 1836.

- Var. *a.* *Phalæna leuconota*, *Don. B. I.* xiii. 44, t. 453, f. 3, 1808.  
 Var. *b.* *Xylina conspicillaris*, *West. & H. M.* i. 154, t. 31, f. 1, 1842.  
 Var. *c.* *Noctua musicalis*, *Esp. S.* iv. (478), t. 147, *Noct.* 68, f. 5,  
 1789—97.  
 Var. *d.* *Noctua melaleuca*, *View. T. V.* ii. 68, 1790. *Dup. L. F.*  
 vii. t. 112, f. 6, 1826.  
*Phalæna-N. præusta*, *Brahm. I. K.* ii. 55, 1791.

b. XILINA, *Dup. C.* 163, 1846.

## 3. XYLINA SEMIBRUNNEA. The Tawny Pinion. B. M.

*Noctua semibrunnea*, *Haw. L. B.* 171, 1810.

*Xylina semibrunnea*, *Step. H.* ii. 170, t. 21, f. 3, 1829.

*Noctua petrificata*, *Dup. ? L. F.* vii. t. cxiii. f. 7, 1827.

*Xylina oculata*, *Germ. F.* ix. f. 18, 1834.

## 4. XYLINA PETRIFICATA. The Pale Pinion. B. M.

*Noctua petrificata*, *Schiff. (W. V.)* 75, 1776.

*Xylina petrificata*, *Step. H.* ii. 171, t. 23, f. 1, 1829.

*Phalæna-N. socia*, *Hüfn.—(Berl. M.)* iii. 418, 1769.

*Noctua umbrosa*, *Esp. S.* iv. (413), t. 133, *Noct.* 54, f. 5, 6, 1788—95.

*Noctua lithoxylea*, *Fab. ? E. S.* iii. 2, 123, 1793.

*Noctua petrificosa*, *Hüb. No.* t. 49, f. 239, 1799.

c. GRAPTOLITHA, *Hüb. V.* 243, 1816.

*Rhizolitha*, *Cur.—Ent. M.* i. 189, 1833.

## 5. XYLINA RHIZOLITHA. The Gray Shoulder-knot. B. M.

*Noctua rhizolitha*, *Schiff. (W. V.)* 75, 1776.

*Xylina rhizolitha*, *Step. H.* ii. 170, 1829.

*Phalæna-N. ornithopus*, *Hüfn.—(Berl. M.)* iii. 304, 1769.

*Noctua Lambda*, *Haw. L. B.* 181, 1810.

*Xylina Lambda*, *West. & H. M.* i. 153, t. 31, f. 6, 1842.

d. AXYLIA, p., *Hüb. V.* 242, 1816.

## 6. XYLINA PUTRIS. The Flame. B. M.

*Phalæna-N. putris*, *Linn. F.* ii. No. 1187, 1761.

*Xylina putris*, *Step. H.* ii. 172, 1829. *Wood, I. E.* t. 11, f. 223, 1836.

*Phalæna-N. subcorticalis*, *Hüfn.—(Berl. M.)* iii. 308, 1769.

*Noctua lignosa*, *Hüb. No.* t. 50, f. 245, 1799.

## 128. CALOCAMPA.

*Calocampa*, *Step. (Cat.)* ii. 79, 1829). *Id. H.* ii. 172, 1829.

*Axylia*, p., *Hüb. V.* 242, 1816.

1. *CALOCAMPA EXOLETA*. The Sword Grass. B. M.

*Phalæna*-N. *exoleta*, *Linn. S. Nat.* i. 515, 1758.

*Xylina exoleta*, *Cur. B. E.* vi. t. 256, 1829, 4.

*Calocampa exoleta*, *Step. H.* ii. 173, 1829, 5.

2. *CALOCAMPA VETUSTA*. The Red Sword Grass. B. M.

*Noctua vetusta*, *Hüb. No.* t. 97, f. 459, 1810.

*Calocampa vetusta*, *Step. H.* ii. 174, 1829.

*Phalæna exoleta*, *Don. P. B. I.* vi. 19, t. 287, 1797.

### Sub-F. V. APAMIDI.

*Apamidi*, *Guén.*—(*Ann. E. S. Fr.* x. 237, 1841).

### 129. XYLOPHASIA.

*Xylophasia*, *Step. (Cat.* ii. 79, 1829. *Id. H.* ii. 174, 1829.

a. *SEPTIS*, *Hüb. V.* 167, 1816.

1. *XYLOPHASIA LITHOXYLEA*. The Light Arches. B. M.

*Noctua lithoxylea*, *Schiff. (W. V.* 75, 1776).

*Xylophasia lithoxylea*, *Step. H.* ii. 175, 1829. *West. & H. M.*  
i. 158, t. 32, f. 1, 1842.

*Noctua sublustris*, var., *Esp. S.* iv. (408), t. 123, *Noct.* 54, f. 2,  
1788—95.

2. *XYLOPHASIA SUBLUSTRIS*. The Reddish Light Arches. B. M.

*Noctua sublustris*, *Esp. S.* iv. (408), t. 133, *Noct.* 54, f. 1,  
1788—95.

*Xylophasia sublustris*, *Step. H.* ii. 175, 1829. *West. & H. M.*  
i. 158, t. 32, f. 2, 1842.

*Noctua lithoxylea*, *Hüb. No.* t. 49, f. 240, 1799.

*Noctua musicalis*, *Dup. L. F.* vii. 177, t. 113, f. 1, 1827.

3. *XYLOPHASIA POLYODON*. The Dark Arches. B. M.

*Phalæna*-N. *polyodon*, *Linn F.* ii. No. 1219, 1761.

*Xylophasia polyodon*, *Step. H.* ii. 176, 1829. *West. & H. M.*  
i. 158, t. 32, f. 3, 1842.

*Phalæna*-N. *monoglypha*, *Hüfn.*—(*Berl. M.* iii. 308, 1769).

*Noctua radicea*, *Schiff. (W. V.* 81, 1776).

*Noctua ocoulta* (*monoglypha*), *Esp. S.* iv. (405), t. 132, *Noct.*  
53, f. 3, 4, 1788—95.

## 4. XYLOPHASIA RUREA. The Clouded-bordered Brindle. B. M.

*Noctua rurea*, *Fab. S. E.* 618, 1775.

*Xylophasia rurea*, *Step. H.* ii. 176, 1829. *West. & H. M.* i. 159, t. 32, f. 4, 1842.

*Noctua putris*, *Schiff. (W. V.)* 75, 1776.

*Noctua luculenta*, *Esp. S.* iv. (410), t. 133, *Noct.* 54, f. 3, 4, 1788—95.

*Noctua epomina*, *Haw. (Pr.)* 18, 1802.

Var. ? *a. Xylina borealis*, \* *Cur. ? (B. E. vi. fo.)* 256, 1829.

Var. *b. Noctua combusta*, *Hüb. No.* t. 79, f. 366, 1804 ?

*Xylophasia combusta*, *Step. H.* ii. 177, 1829. *West. & H. M.* i. 159, t. 32, f. 5, 1842.

*Noctua Alopecurus*, *Esp. S.* iv. (473), t. 147, *Noct.* 63, f. 3, 1789—97.

Var. *c. Apamea aquila*, *Donz.—Ann. E. S. Fr.* vi. 476, t. 18, f. 6, 1837.

b. PARASTICHTIS, t., *Hüb. V.* 213, 1816.

## 5. XYLOPHASIA HEPATICA. The Clouded Brindle. B. M.

\* *Phalæna-N. hepatica*, *Linn. ? S. Nat.* ii. 853, 1767.

*Noctua caracterea*, *Hüb. No.* t. 28, f. 133, 1798.

*Xylophasia caracterea*, *West. & H. M.* i. 140, t. 32, f. 6, 7, 1842.

*Noctua epomidion*, *Haw. (Pr.)* 18, 1802.

*Xylophasia epomidion*, *Step. H.* ii. 178, 1829.

*Noctua Ypsilon*, *Scrib. B.* ii. 128, 1791.

Var. *a. Noctua hepatica*, *Dup. L. F.* vii. t. 113, f. 4, 1827.

## 6. XYLOPHASIA SCOLOPACINA. The Slender Clouded Brindle. B. M.

*Noctua scolopacina*, *Esp. S.* iv. (394), t. 130, *Noct.* 51, f. 1, 1788—95.

*Xylophasia scolopacina*, *Step. H.* ii. 178, 1829. *West. & H. M.* i. 160, t. 32, f. 8, 1842.

*Noctua abbrevina*, *Haw. (Pr.)* 18, 1802.

*Noctua abbreviata*, *Haw. L. B.* 170, 1810.

## 130. HYPPA.

*Hyppa*, *Dup. C.* 161, 1846.

*Lithomoia*, p., *Hüb. V.* 244, 1816.



1. *HYPPA RECTILINEA*. The Clouded Brocade. B. M.

*Noctua rectilinea*, *Esp. S.* iv. (379), t. 127, *Noct.* 48, f. 1, 1788—95.

*Xylophasia rectilinea*, *Step. H.* ii. 178, 1829. *West. & H. M.* i. 160, t. 32, f. 9, 10, 1842.

131. *HYDRÆCIA*.

*Hydræcia*, *Guén.*—(*Ann. S. E. Fr.* x. 237, 1841).

*Diataraxia*, p., *Hüb.* V. 219, 1816.

1. *HYDRÆCIA LEUCOSTIGMA*. The Crescent. B. M.

*Noctua leucostigma*, *Hüb. No.* t. 80, f. 375, 1804.

*Noctua lunina*, *Haw. (Pr.* 19, 1802). *Id. L. B.* 209, 1810.

Var. *a.* *Noctua fibrosa*, *Hüb. No.* t. 82, f. 385, 1804.

*Apamea fibrosa*, *Step. H.* iii. 7, 1829. *West. & H. M.* i. 176, t. 37, f. 1, 2, 1842.

132. *APAMEA*.

*Apamea*, *Och. (S.* iv. 75, 1816). *Treit. S.* v. 81, 1825.

*a.* *APAMEA*. *Hydræcia*, p., *Guén.*—(*Ann. E. S. Fr.* x. 237, 1841).1. *APAMEA NICTITANS*. The Golden Ear. B. M.

*Phalæna nictitans (oculea)* *Linn. F.* ii. No. 1215, 1761.

*Apamea nictitans*, *Step. H.* iii. 7, 1829. *West. & H. M.* i. 177, t. 37, f. 3, 4, 1843.

*Noctua chrysographa*, *Schiff. (W. V.* 313, 1776).

*Noctua cinerago*, *Fab. E. S. Sup.* 445, 1795.

*Noctua auricula*, *Haw. L. B.* 240, 1810.

Var. *a.* *Noctua erythrostigma*, *Haw. L. B.* 240, 1810.

*b.* *PARASTICTIS*, p., *Hüb. V.* 213, 1816.

*Apamea*, C., *Guén.*—*Ann. E. S. Fr.* vi. 335, 1837.

2. *APAMEA UNANIMIS*. The Uniform Rustic. B. M.

*Noctua Unanimis*, *Hüb. No.* t. 120, f. 556, 1814.

*Apamea Unanimis*, *Step. (H.* iii. 9, 1829).

*Noctua secalina*, *Haw. L. B.* 210, 1810.

*Apamea secalina*, *Step. H.* iii. 8, 1829. *West. & H. M.* i. 178, t. 37, f. 6, 1843.

## 3. APAMEA DIDYMA. The Common Rustic. B. M.

*Phalæna-N. didyma*, *Bork. E. S.* iv. 465, 1792.

*Apamea didyma*, *Step. H.* iii. 8, 1829.

*Apamea oculea*, *West. & H. M.* i. 177, t. 37, f. 7—9, 1843.

Var. *a.* *Noctua oculea*, *Fab. S. E.* 616, 1775.

*Apamea oculea*, *Step. H.* iii. 9, 1829. *West. & H. l. c. f.* 8.

*Noctua Phœbe*, *Marsh. MSS. (ina) Haw. (Pr.* 18, 1802).

Var. *b.* *Noctua leucostigma*, *Esp. S.* iv. (542) t. 159, *Noct.* 80, f. 7, 1789—98.

*Noctua lamda*, *View. ? T. V.* ii. 81, 1790.

*Noctua nictitans*, *Hüb. No.* t. 135, f. 619, 1816.

*Apamea oculea*, var., *West. & H. l. c. f.* 9.

Var. *c.* *Noctua lugens*, *Marsh. MSS. Haw. L. B.* 212, 1810.

Var. *d.* *Noctua secalina*, *Hüb. No.* t. 89, f. 420, 1806.

Var. *e.* *Noctua I-niger*, *Haw. L. B.* 211, 1810.

*Apamea I-niger*, *Step. H.* iii. 10, 1829. *Wood, I. E.* t. 12, f. 268, 1836.

*Noctua didyma*, *Esp. ? S.* iv. (378) t. 126, *Noct.* 47, f. 7, 1788—95.

Var. *f.* *Noctua furca*, *Haw. L. B.* 209, 1810.

*Apamea furca*, *Step. H.* iii. 10, 1829. *Wood, I. E.* t. 12, f. 271, 1836.

Var. *g.* *Noctua rava*, *Haw. L. B.* 209, 1810.

*Apamea oculea*, *West. & H. l. c. f.* 7.

c. *CALLIERGES*, p., *Hüb. V.* 244, 1816.

## 4. APAMEA OPHIOGRAMMA. The Double-lobed. B. M.

*Noctua ophiogramma*, *Esp. S.* iv. *Sup.* 10, t. 182, *Noct.* 103, 1801 ?

*Apamea ophiogramma*, *Step. H.* iii. 11, 1829. *West. & H. M.* i. 178, t. 37, f. 10, 1843.

*Noctua bilobina*, *Haw. (Pr.* 18, 1802).

*Noctua biloba*, *Haw. L. B.* 209, 1810.

## 133. MIANA.

*Miana*, *Step. (Cat.* ii. 86, 1829). *Id. H.* iii. 11, 1829.

a. *OLIGIA*, *Hüb. V.* 213, 1816.

## 1. MIANA STRIGILIS. The Marbled Minor.

B. M.

*Phalæna-N. strigilis*, *Linn. S. Nat.* i. 516, 1758.

*Miana strigilis*, *Step. H.* iii. 12, 1829. *West. & H. M.* i. 181, t. 38, f. 2—4, 1843.

*Noctua præduncula*, *Schiff. (W. V.* 89, 1776).

Var. *a.* *Noctua strigilis*, *Haw. L. B.* 214, 1810. *West. & H. l. c.* f. 2.

Var. *b.* *Noctua latruncula*, *Schiff. (W. V.* 89, 1776).

*Miana latruncula*, *Step. H.* iii. 13, 1829. *Wood, I. E.* t. 13, f. 275.

*Noctua ærata*, *Esp. S.* iv. (468) t. 146, *Noct.* 67, f. 4—6, 1789—96.

*Phalæna-N. meretricula*, *Bork. E. S.* iv. 187, 1792.

Var. *c.* *Noctua Æthiops*, *Haw. L. B.* 215, 1810.

*Miana Æthiops*, *Step. H.* iii. 13, 1829. *West. & H. l. c.* f. 4.

## 2. MIANA FURUNCULA. The Cloaked Minor.

B. M.

*Noctua furuncula*, *Schiff. (W. V.* 89, 1776).

*Noctua humeralis*, *West. & H. M.* i. 180, t. 38, f. 5—8, 1843.

Var. *a.* *Phalæna-N. bicoloria*, *Bork. E. S.* iv. 190, 1792.

*Noctua humeralis*, *Haw. L. B.* 215, 1810.

*Miana humeralis*, *Step. H.* iii. 14, 1829. *West. & H. l. c.* f. 5.

Var. *b.* *Noctua erratricula*, *Hüb. ? No.* t. 115, f. 537, 1813.

Var. *c.* *Noctua vinctuncula*, *Hüb. ? No.* t. 20, f. 96, 1798.

Var. *d.* *Noctua terminalis*, *Haw. L. B.* 215, 1810.

*Miana terminalis*, *Step. H.* iii. 14, 1829. *Wood, I. E.* t. 13, f. 278.

Var. *e.* *Noctua rufuncula*, *Haw. L. B.* 216, 1810.

*Miana rufuncula*, *Step. H.* iii. 14, 1829. *West. & H. l. c.* f. 9.

## 3. MIANA LITEROSA. The Rosy Minor.

B. M.

*Noctua literosa*, *Haw. L. B.* 213, 1810.

*Miana literosa*, *Step. H.* iii. 12, 1829. *Wood, I. E.* t. 13, f. 273.

*Apamea suffuruncula*, *Och. (S.* iv. 76, 1816). *Treit. S.* v. 2, 97, 1825. •

## 4. MIANA FASCIUNCULA. The Middle-barred Minor.

B. M.

*Noctua fasciuncula*, *Haw. L. B.* 215, 1810.

*Miana fasciuncula*, *Step. H.* iii. 15, 1829. *West. & H. M.* i. 181, t. 38, f. 10, 1845.

Var. *a.* *Apamea rubeuncula*, *Donzel.—Ann. E. S. Fr.* vii. 430, t. 12, f. 3, 4, 1838.

## 5. MIANA EXPOLITA.

B. M.

*Miana expolita*, *Doubleday*, in *Stainton's Ent. Ann.* 1855, p. 41.

## 134. CELÆNA.

*Celæna*, *Step.* (*Cat.* ii. 87, 1829). *Id. H.* iii. 15, 1829.

## 1. CELÆNA HAWORTHII. Haworth's Miſcor.

B. M.

*Apamea Haworthii*, *Cur. B. E.* vi. t. 260, 1829.

*Celæna Haworthii*, *Step. H.* iii. 16, 1829.

*Noctua morio*, *Evers.*—*Bull. S. I. Mosc.* iii. 550, 1842.

*Noctua erupta*, *Frey. B.* v. 150, t. 472, f. 1, 2, 1845.

*Noctua digramma*, — *MSS.*?

Var. a. *Noctua hibernica*, *Haw. MSS.*

*Celæna hibernica*, *Step. H.* iii. 17, 1829. *Wood, I. E.* t. 13, f. 285.

Var. b. *Celæna lancea*? *Step. H.* iii. 18, 1829. *Wood, I. E.* t. 13, f. 284.

Var. c. *Apamea tripuncta*, (*Cur. B. E.* vi. fo. 260, 1829).

*Noctua leucographa*, *Esp.*?—*Steph.* (*Cat. No.* 6249, 1829).

*Celæna leucographa*, *Step.* (*Cat. l. c. supra*).

## 135. HAMA.

*Hama*, *Step.* (*Cat.* ii. 84, 1829). *Id. H.* iii. 4, 1829.

*Luperina*, p., *Bois. I. M.* 2 ed. 1840.

a. OGYGIA, p., *Hüb. V.* 224, 1816.

## 1. HAMA BASILINEA. The Rustic Shoulder-knot.

B. M.

*Noctua basilinea*, *Schiff.* (*W. V.* 78, 1776).

*Hama basilinea*, *Step. H.* iii. 5, 1829. *West. & H. M.* i. 170, t. 35, f. 7, 8, 1842.

*Noctua nebulosa*, *View. T. V.* ii. 55, 1790.

b. EXARNIS, p., *Hüb. V.* 225, 1816.

## 2. HAMA TESTACEA. The Flounced Rustic.

B. M.

*Noctua testacea*, *Schiff.* (*W. V.* 81, 1776).

*Hama testacea*, *Step. H.* iii. 5, 1829. *West. & H. M.* i. 171, t. 35, f. 9, 1842.

*Noctua lunatostrigata*, *Haw. L. B.* 194, 1810.

Var. *a.* *Noctua unca*, *Haw. L. B.* 194, 1810.

Var. *b.* *Noctua X.-notata*, *Haw. L. B.* 194, 1810.

3. HAMA YPSILON. The Dingy Shears. B. M.

*Noctua Ypsilon*, *Schiff. (W. V.* 78, 1776).

*Noctua corticea*, *Esp. S.* iv. (463), t. 146, *Noct.* 66, f. 1, 2, 1789—98.

*Noctua fissipuncta*, *Haw. L. B.* 197, 1810.

*Orthosia Upsilon*, *Cur. (B. E.* v. fo. 237, 1828). *Step. H.* ii. 149, 1829. *West. & H. M.* i. 140, t. 27, f. 12, 1842.

c. *RAPHIA*, p., *Hüb. V.* 212, 1816.

4. HAMA CONNEXA. The Union Rustic. B. M.

*Phalæna-N. connexa*, *Bork. E. S.* iv. 360, 1792.

*Hama connexa*, *Step. H.* iii. 6, 1829. *West. & H. M.* i. 171, t. 35, f. 10, 1843.

*Noctua phabulatricula*, *Strib. B.* iii. 259, 1793.

*Noctua Elota*, *Hüb. No.* t. 98, f. 462, 1810.

d. *DIATARAXIA*, p., *Hüb. V.* 219, 1816.

5. HAMA SORDIDA. The Large Nutmeg. B. M.

*Phalæna-N. sordida*, *Bork. E. S.* iv. 578, 1792.

*Noctua contigua*, *Haw. L. B.* 192, 1810.

*Noctua anceps*, *Hüb. No.* t. 102, f. 484, 1811.

*Apamea infesta*, *Och. (S.* iv. 76, 1816). *Treit. S.* v. 2, 112, 1825.

*Hama aliena*, *Step. H.* iii. 4, 1829. • *West. & H. M.* i. 170, t. 35, f. 6, 1843.

e. *THOLERA*, p., *Hüb. V.* 214, 1816.

6. HAMA FURVA. The Dusky Brocade. B. M.

*Noctua furva*, *Schiff. (W. V.* 81, 1776).

*Mamestra anceps*? *West. & H. M.* i. 175, t. 36, f. 15, 1842.

136. CRYMODES.

*Crymodes*? *Guén.—(Ann. E. S. Fr.* x. 238, 1841).

*Chera*, p., *Hüb. V.* 211, 1816.

1. *CRYMODES TEMPLI*.\* The Brindled Ochre. B. M.

*Noctua Templi*, *Thunb. I. S.* iv. 56, 1792.

*Polia* ? *Templi*, *Step. H.* iii. 31, t. 36, f. 1, ♂.

## Sub-F. VI. HADENIDI.

*Hadenidi*, *Guén.—Ann. E. S. Fr.* vii. 201, 1838.

## 137. EUPLEXIA.

*Euplexia*, *Step. (Cat. ii.* 84, 1829). *Id. H.* iii. 3, 1829.

*Trigonophora*, p., *Hüb. V.* 217, 1816.

*Aplecta* B., *Guén.—Ann. E. S. Fr.* vii. 220, 1838.

1. *EUPLEXIA LUCIPARA*. The Small Angleshades. B. M.

*Phalæna-N. lucipara*, *Linn. S. Nat.* i. 518, 1758.

*Euplexia lucipara*, *Step. H.* iii. 3, 1829.

*Phlogophora lucipara*, *Cur. B. E.* xiii. t. 619, 1836.

*Phalæna-N. dubia*, *Hüfn.—(Berl. M.* iii. 404, 1769).

*Noctua flavo-macula*, *Fab. M.* ii. 117, 1787.

## 138. MAMESTRA.

*Mamestra*, *Och. (S.* iv. 76, 1816, 3). *Treit. S.* v. 2, 127, 1825.

a. *MELANCHRA*, *Hüb. V.* 207, 1816.

1. *MAMESTRA PERSICARIÆ*. The Dot. B. M.

*Phalæna-N. Persicariæ*, *Linn. F.* ii. No. 1208, 1761.

*Mamestra Persicariæ*, *Step. H.* ii. 196, 1829. *West. & H. M.*

i. 175, t. 36, f. 11, 12, 1843.

*Phalæna-N. Sambuci*, *Hüfn. (Berl. M.* iii. 308, 1769).

b. *MAMESTRA*, *Hüb. V.* 214, 1816, 9.

2. *MAMESTRA PISI*. The Broom Moth. B. M.

*Phalæna-N. Pisi*, *Linn. S. Nat.* i. 517, 1758.

*Mamestra Pisi*, *Step. H.* ii. 192, 1829. *West. & H. M.* i. 172, t. 36, f. 2, 3, 1843.

*Aber.?* *Mamestra splendens*, *Step. H.* ii. 192, 1829.

c. DIATARAXIA, p., *Hüb. V.* 219, 1816.

## 3. MAMESTRA OLERACEA. The Bright-line Brown-eye. B. M.

*Phalæna-N. oleracea*, *Linn. S. Nat.* i. 517, 1758.

*Mamestra oleracea*, *Step. H.* ii. 193, 1829. *West. & H. M.* i. 173, t. 36, f. 4, 5, 1843.

*Phalæna-N. monstrosa*, *Vill. E.* ii. 248, 1789.

*Phalæna-N. Spinachiæ*, *Bork. E. S.* iv. 454, 1792.

## 4. MAMESTRA SUASA. The Dog's Tooth. B. M.

*Noctua suasa*, *Schiff. (W. V.* 83, 1776).

*Mamestra suasa*, *Step. H.* ii. 193, 1829. *West. & H. M.* i. 173, t. 36, f. 6, 1843.

*Phalæna-N. W-Latinum*, *Hüfn.*—(*Berl. M.* iii. 294, 1769).

*Noctua dissimilis*, *Knoch, B.* i. 57, 1781.

*Noctua dens-canis*, *Haw. L. B.* 190, 1810.

Var. a. *Noctua leucographa*, *Esp. S.* iv. (491), t. 150, *Noct.* 71, f. 3, 1789—97.

## 5. MAMESTRA CHENOPODII. The Nutmeg. B. M.

*Noctua Chenopodii*, *Schiff. (W. V.* 82, 1776).

*Mamestra Chenopodii*, *Step. H.* ii. 195, 1829. *West. & H. M.* i. 175, t. 36, f. 13, 14, 1843.

*Phalæna-N. Trifolii*, *Hüfn.*—(*Berl. M.* iii. 398, 1769).

*Noctua verna*, *Esp. S.* iv. (272), t. 117a, *Noct.* 38a, f. 5, 6, 1787—91.

*Noctua saucia*, *Esp. S.* iv. (505), t. 152, *Noct.* 73, f. 5, 1789—97.

*Noctua infraina*, *Haw. (Pr.* 18, 1802).

Var. ? a. *Mamestra cinereus*,\* *Cur. (G.* 150, 1831).

d. HADENA, p., *Hüb. V.* 216, 1816.

## 6. MAMESTRA NIGRICANS. The Dusky Nutmeg. B. M.

*Noctua nigricans*, *View. T. V.* ii. 66, 1790.

*Mamestra nigricans*, *Step. H.* ii. 193, t. 24, f. 12, 1829.

*Noctua abjecta*, *Hüb. No.* t. 116, f. 539, 1813.

Var. a. *Noctua lunulina*, *Haw. (Pr.* 19, 1802). *Id. L. B.* 192, 1810.

*Graphiphora ? lunulina*, *Step. H.* ii. 130, 1829.

e. BARATHRA, *Hüb. V.* 218, 1816.

7. MAMESTRA ALBICOLON. The White Colon. B. M.  
*Noctua albicolon*, *Hüb. No. t.* 117, f. 542, 543, 1813.  
*Mamestra albicolon*, *Step. H. ii.* 195, t. 24, f. 3, 1829.
8. MAMESTRA BRASSICÆ. The Cabbage Moth. B. M.  
*Phalæna-N. Brassicæ*, *Linn. S. Nat. i.* 516, 1758.  
*Mamestra Brassicæ*, *Step. H. ii.* 194, 1829. *West. & H. M. i.*  
 174, t. 36, f. 8, 9, 1843.  
*Aber. Noctua albidilinea*, *Haw. L. B.* 191, 1810.  
*Mamestra albidilinea*, *Step. H. ii.* 195, 1829.

## 139. HADENA.

*Hadena*, *Schr. (F. B. ii.* 2, 158, 1802).  
*Hadena*, p., *Och. (S. iv.* 72, 1816).

a. ASTRAPETIS, *Hüb. V.* 218, 1816.

- \*? 1. HADENA ARCTICA. The Barred Arches. B. M.  
*Hadena arctica*, *Bois. Ic.—teste Bois. (I. M. ii.* 120, 1840).  
*Noctua satura*, *Haw. L. B.* 187, 1810.  
*Hadena amica?* *Step. H. ii.* 180, t. 21, f. 2, 1829.
2. HADENA SATURA.\* The Beautiful Arches.  
*Noctua satura*, *Schiff. (W. V.* 83, 1776). *Hüb. No. t.* 16, f. 75, 1798.  
*Noctua porphyrea*, *Esp. S. iv.* (465), t. 145, *Noct.* 66, f. 5, 1789—96.
3. HADENA ASSIMILIS. The Northern Arches. B. M.  
*Hadena assimilis*, *Doub.—Zool. v.* 1914, 1847.
4. HADENA ADUSTA. The Dark Brocade. B. M.  
*Noctua adusta*, *Esp. S. iv.* 483, t. 149, *Noct.* 70, f. 1, 2, 1789—97.  
*Hadena adusta*, *Step. H. ii.* 181; 1829. *West. & H. M. i.* 161, t. 33, f. 1, 1842.  
*Noctua porphyrea*, *Scriba. B. ii.* 145, 1791.  
*Phalæna-N. aquilina*, *Bork. E. S. iv.* 381, 1792.



*Noctua duplexina*, *Haw.* (*Pr.* 18, 1802).

*Noctua duplex*, *Haw. L. B.* 190, 1810.

*Noctua valida*, *Hüb. No.* t. 133, f. 606, 1816.

Var. *a.* *Hadena satura*, *Step. H.* ii. 181, 1829.

5. *HADENA THALASSINA.* The Pale-shouldered Brocade. B. M.

*Phalæna-N. Thalassina*, *Hüb. ?*—(*Berl. M.* iii. 298, 1766).

*Hadena Thalassina*, *Step. H.* ii. 182, 1829. *West. & H. M.* i. 162, t. 33, f. 3, 1842.

*Noctua humeralis*, *Haw. L. B.* 190, 1810.

♂. *Noctua Achates*, *Hüb. No.* t. 106, f. 498, 1811.

♀. *Noctua gemina*, *Hüb. No.* t. 102, f. 483, 1811.

6. *HADENA GENISTÆ.* The Light Brocade. B. M.

*Phalæna-N. Genistæ*, *Bork. E. S.* iv. 355, 1792.

*Hadena Genistæ*, *Step. H.* ii. 183, 1829. *West. & H. M.* i. 163, t. 33, f. 5, 6, 1842.

*Noctua W-Latinum*, var., *Esp. S.* iv. (426), t. 136, *Noct.* 57, f. 3, 1788—95.

*Phalæna dives*, *Don. B. I.* x. 71, t. 352, f. 1, 1801.

*Noctua leucophina*, *Haw.* (*Pr.* 18, 1802).

*Noctua rectilinea*, *Haw. L. B.* 189, 1810.

7. *HADENA CONTIGUA.* The Beautiful Brocade. B. M.

*Noctua contigua*, *Schiff. (W. V.* 82, 1776).

*Hadena contigua*, *Step. H.* ii. 184, 1829). *West. & H. M.* i. 163, t. 33, f. 5, 6, 1842.

*Phalæna-N. Spartii*, *Bork. E. S.* iv. 352, 1792.

*Noctua Ariæ*, *Esp. S.* iv. (547), t. 160, *Noct.* 81, f. 8, 1789—98.

*Noctua dives*, *Haw. L. B.* 189, 1810.

Var. *a.* *Noctua pulchellina*, *Haw.* (*Pr.* 18, 1802).

b. *APAMEA*, p., *Guén.*—*Ann. E. S. Fr.* vi. 337, 1837.

*Luperina*, p., *Bois. (I. M.* 2 ed. 115, 1840).

8. *HADENA GEMINA.* The Brown Pinioned Brocade. B. M.

*Hadena gemina*, *Och. (S.* iv. 72, 1816). *Treit. S.* v. 1, 345, 1825.

*Phalæna-N. satura*, *Bork. E. S.* iv. 377, 1792.

♂. *Noctua gemina*, *Hüb. No.* t. 102, f. 482, 1811.

*Mamestra* ? *furva*, *Step. H.* ii. 191, 1829.

Var. *a.* *Noctua remissa* *Hüb. No.* t. 90, f. 423, 1806.

*Hadena remissa*, *Step. H.* ii. 181, 1829. *West. & H. M.* i. 162, t. 33, f. 2, 1842.

Var. *b.* *Noctua oblonga*, *Haw. L. B.* 188, 1810.

*Hadena oblonga*, *Step. H.* ii. 182, 1829.

Var. *c.* *Noctua obscura*, *Haw. L. B.* 189, 1810.

*Hadena obscura*, *Step. H.* ii. 184, 1829.

Var. *d.* *Noctua anceps*, *Dup. L. F.* vii. 109, t. 107, f. 5, 1827.

Var. *e.* *Noctua submissa*, *Dahl. (C. & L.)* 1823).

9. *HADENA DENTINA.* The Shears.

B. M.

*Noctua dentina*, *Schiff. (W. V.)* 82, 1776).

*Phalæna-N. plebeia*, *Linn. Mus.*

*Noctua plebeia*, *Haw. L. B.* 198, 1810.

*Hadena plebeia*, *Step. H.* ii. 185, 1829. *West. & H. M.* i. 164, t. 33, f. 9, 10, 1842.

Var. *a.* *Noctua nana*, *Esp. S.* iv. (486), t. 149, *Noct.* 70, f. 4, 5, 1789—97.

Var. *b.* *Noctua leucostigma*, *Haw. L. B.* 198, 1810.

*Hadena leucostigma*, *Step. H.* ii. 186, 1829. *Wood, I. E.* t. 12, f. 241, 1834.

Var. *c.* *Hadena longina*, *Cur. (G.)* 2 ed. 183, 1837).

Var. *d.* *Hadena Latenai*, *Pier.—Ann. E. S. Fr.* vi. 177, t. 8, f. 3, 1837.

c. *ÆTHRIA*, p., *Hüb. V.* 218, 1816.

10. *HADENA GLAUCA.* The Glaucous Shears.

B. M.

*Noctua glauca*, *Hüb. No.* t. 87, f. 410, 1806.

*Hadena glauca*, *Step. H.* ii. 185, 1829. *West. & H. M.* i. 164, t. 33, f. 7, 8, 1842.

♂ ? *Hadena* ? *Lappo, Dalm.* ?—*Dup. L. F.* vii. 255, t. 116, f. 3, 1827.

Var. *a.* *Noctua aperta*, *Hüb.-G. No.* t. 189, f. 800, 1826.

d. *DICHONIA*, *Hüb. (V.)* 217, 1816).

11. *HADENA PROTEA.* The Brindled Green.

B. M.

*Noctua Protea*, *Schiff. (W. V.)* 84, 1776).

*Hadena Protea*, *West. & H. M.* i. 166, t. 34, f. 3, 4, 1842.

*Phalæna-N. nebulosa*, *Bork. E. S.* iv. 158, 1792.

*Noctua virescens*, *Retz. teste Fab. E. S.* iv. 2, 103, 1794.

*Noctua virescens*, *Haw. (Pr.* 15, 1802).

*Noctua seladonia*, *Fab. l. c. Haw. L. B.* 199, 1810.

*Hadena seladonia*, *Step. H.* iii. 133, 1829.

#### 140. XYLOCAMPA.

*Xylocampa*, *Guén.—Ann. S. E. Fr.* vi. 277, 1837.

*Dichonia*, p., *Hüb. V.* 217, 1816.

*Cleophana*, p., *Treit. Sup.* ii. 118, 1835.

#### 1. XYLOCAMPA LITHORIZA. The Early Gray. B. M.,

*Phalæna-N. Lithoriza*, *Bork. E. S.* iv. 339, 1792.

*Hadena ? Lithoriza*, *Step. H.* ii. 187, 1829. *West. & H M.* i. 165, t. 34, f. 2, 1842.

*Noctua areola*, *Esp. S.* iv. (448) t. 141, *Noct.* 62, f. 4, 1788—96.

*Noctua operosa*, *Hüb. No.* t. 85, f. 398, 1805.

#### 141. NEURIA.

*Neuria*, *Guén.—(Ann. E. S. Fr.* x. 241, 1841).

*Heliophobus*, p., *Bois. (I. M.* 69, 1829).

*Hadena A.*, *Treit. S.* v. 1, 303, 1825.

#### 1. NEURIA SAPONARIÆ. The Bordered Gothic. B. M.

*Phalæna-N. Saponariæ*, *Bork. E. S.* iv. 370, 1792.

*Hadena ? Saponariæ*, *Step. H.* ii. 184, 1829. *West. & H. M.* i. 168, t. 34, f. 11, 1842.

*Phalæna-N. reticulata*, *Vill. ? E.* ii. 254, 1789.

*Noctua Calcatrippæ*, *View. ? T. V.* ii. 71, 1790.

*Noctua typica*, *Hüb. No.* t. 12, f. 58, 1797.

*Noctua typicoidina*, *Haw. (Pr.* 17, 1802).

*Noctua marginosa*, *Haw. L. B.* 195, 1810.

#### 142. HELIOPHOBUS.

*Heliophobus*, *Bois. (I. M.* 69, 1829).

a. NEURONIA, p., *Hüb. V.* 215, 1816.

#### 1. HELIOPHOBUS POPULARIS. The Feathered Gothic. B. M.

*Noctua Popularis*, *Fab. M.* ii. 133, 1787.

*Heliophobus Popularis*, *Step. H.* ii. 189, 1829.

*Noctua Graminis*, *Schiff.* (*W. V.* 82, 1776).  
*Bombyx Lolii*, *Esp. S.* iii. 246, t. 48, f. 1—5, 1784.  
*Phalæna typicoides*, *Don. B. I.* xv. 1, t. 505, 1811.

2. *HELIOPHOBUS HISPIDUS*.\* The Beautiful Gothic. B. M.  
*Noctua hispida*, *Hüb. No.* t. 166, f. 784—5, ♂, 786, ♀, 1828.  
*Noctua hirta*, *Dup. L. F.* vi. 275, t. 90, f. 3, 1826.  
*Heliophobus pilosus*, *Bois. I. M.* 70, 1829.

b. *LUPERINA*, p., *Bois. (I. M.* 77, 1829).

3. *HELIOPHOBUS? DUMERILII*.\* The Pale Feathered Rustic.  
*Noctua Dumerilii*, *Dup. L. F.* vi. 277, t. 90, f. 4, 1826.  
*Luperina Dumerili*, *Dup.—Bois. I. M.* 77, 1829.

#### 143. PACHETRA.

*Pachetra*, *Guén.—(Ann. E. S. Fr.* x. 241, 1841).  
*Mamestra*, p., *Hüb. V.* 214, 1816.  
*Heliophobus*, p., *Bois. (I. M.* 69, 1829).  
*Luperina* †, *Bois. I. M.* 2 ed. 113, 1840.

1. *PACHETRA LEUCOPHÆA*. The Feathered Ear. B. M.  
*Noctua leucophæa*, *Schiff. (W. V.* 82, 1776).  
*Heliophobus leucophæus*, *Step. H.* ii. 190, t. 24, f. 1, ♀, 1829.  
*Noctua fulminea*, *Fab. G.* 282, 1777.  
♂. *Bombyx vestigialis*, *Esp. S.* iii. 270, t. 53, f. 4, 1784.  
♀. *Noctua raveda*, *Esp. S.* iv. (462), t. 145, *Noct.* 65, f. 1, 1789  
—96.

#### 144. DIANTHECIA.

*Dianthecia*, *Bois. I. M.* 2 ed. 124, 1840.

a. *HADENA*, p., *Hüb. V.* 216, 1816.

1. *DIANTHECIA CUCUBALI*. The Campion. B. M.  
*Noctua Cucubali*, *Schiff. (W. V.* 84, 1776).  
*Hadena? Cucubali*, *Step. H.* ii. 187, 1829. *Cur. B. E.* vii.  
t. 308, 1830.  
*Noctua rivularis*, *Fab. S. E.* 613, 1775.  
*Noctua triangularis*, *Thunb. I. S.* 3, 1784.

## 2. DIANTHECIA CAPSINCOLA. The Lychnis. B. M.

Noctua Capsincola, *Schiff.* (W. V. 84, 1776).

Hadena? Capsincola, *Step. H.* ii. 188, 1829. *West. & H. M.* i. 167, t. 34, f. 7—10, 1842.

Phalæna-N. bicurris, *Hüb. P.*—(*Berl. M.* iii. 302, 1769).

Noctua rivularis, var., *Fab. E. S.* iii. 2, 101, 1794.

b. NEURONIA, p., *Hüb. V.* 216, 1816.

## 3. DIANTHECIA PERPLEXA. The Tawny Shears. B. M.

Noctua perplexa, *Schiff.* (W. V. 312, 1776).

Phalæna-N. carpophaga, *Bork. E. S.* iv. 422, 1792.

Noctua concinna, var. lepida, *Esp. S.* iv. (500), t. 152, f. 2, 1789—97.

Var. a. Noctua ochracea, *Haw. L. B.* 199, 1810.

Hadena? ochracea, *Step. H.* ii. 186, 1829. *West. & H. M.* i. 165, t. 34, f. 1, 1844.

c. HARMODIA, *Hüb. V.* 207, 1816.

## 4. DIANTHECIA ALBIMACULA.\* The Beautiful Coronet. B. M.

Phalæna-N. albimacula, *Bork. E. S.* iv. 149, 1792.

Miselia? albimacula, *Step. H.* iii. 26, 1829. *West. & H. M.* i. 187, t. 39, f. 16, 1843.

Noctua compta, *Esp. S.* iv. (274), t. 117, *A. Noct.* 38a, f. 7, 1787—91.

Noctua concinna, *Hüb. No.* t. 11, f. 51, 1798?

Noctua conserta, *Hüb. (V.* 207, 1816).

## 5. DIANTHECIA CONSPERSA. The Marbled Coronet. B. M.

Noctua conspersa, *Schiff.* (W. V. 71, 1776).

Noctua annulata, *Fab. G.* 281, 1777.

• Noctua nana, *Rottenberg.*—*Naturf.* ix. 132, 1778.

Noctua variegata, *Haw. (Pr.* 17, 1802).

Noctua compta, *Haw. L. B.* 179, 1810.

Miselia? compta, *Step. H.* iii. 26, 1829. *West. & H. M.* i. 187, t. 39, f. 15, 1843.

Var. a. Noctua X-scriptum, *Sow. B. M.* i. 117, t. 55, 1803.

## 145. EREMOBIA.

Eremobia, *Step. H.* iii. 94, 1829, 9.

Atypha, p., *Hüb. V.* 214, 1816.

Ilarus, p., *Bois. (I. M. 76, 1829).*

Ilarus, *Bois. I. M. 2 ed. 125, 1840.*

1. EREMOMBIA OCHROLEUCA. The Dusky Sallow. B. M.  
*Noctua ochroleuca, Schiff. (W. V. 87, 1776).*  
*Eremobia ochroleuca, Step. H. iii. 95, 1829. West. & H. M. i. 228, t. 50, f. 5, 1843.*  
*Noctua flamma, Fab. M. ii. 164, 1787.*  
*Phalæna citrina, Don. B. I. x. 36, t. 340, f. 2, 1801.*  
 Var. a. *Phytometra bifasciosa, Haw. L. B. 266, 1810.*

#### 146. POLIA.

*Polia, Och. (S. iv. 73, 1816). Treit. S. v. 2, 5, 1825.*

*Polie, Hüb. V. 210, 1816.*

a. ANTITYPE, *Hüb. V. 216, 1816.*

1. POLIA CHI. The July Chi. B. M.  
*Phalæna-N. Chi, Linn. S. Nat. i. 514, 1758.*  
*Polia Chi, Step. H. iii. 34, 1829. West. & H. M. i. 192, t. 40, f. 15, 1842.*  
 Var. a. *Polia olivacea, Step. H. iii. 325, 1830.*

b. ÆTHRIA, p., *Hüb. V. 218, 1816.*

2. POLIA SERENA. The Broad-barred White. B. M.  
*Noctua serena, Schiff. (W. V. 84, 1776).*  
*Polia serena, Step. H. iii. 33, 1829. West. & H. M. i. 192, t. 40, f. 13, 14, 1842.*  
*Phalæna-N. bicolorata, Hüfn. — (Berl. M. iii. 410, 1769).*  
*Noctua bicolor, View. T. V. ii. 69, 1790.*  
*Phalæna par, Don. B. I. x. 32, t. 338, f. 3, 1801.*

c. XANTHOPASTIS, *Hüb. V. 211, 1816.*

3. POLIA DYSODEA. The Ranunculus. B. M.  
*Noctua dysodea, Schiff. (W. V. 72, 1776).*  
*Polia dysodea, Step. H. iii. 32, 1829. West. & H. M. i. 191, t. 40, f. 11, 12, 1842.*  
*Phalæna-N. ornata, Vill. E. ii. 280, 1789.*  
*Noctua flavicincta minor, Esp. S. iv. (513), t. 153, Noct. 74, f. 6, 7, 1789-97.*

*Noctua Spinaciæ*, *View. T. V.* ii. 70, 1790.

*Phalæna-N. chrysozona*, *Bork. E. S.* iv. 264, 1792.

*Noctua Ranunculina*, *Haw. (Pr.* 17, 1802).

4. *POLIA FLAVICINCTA*. The Large Ranunculus. B. M.

*Noctua flavicincta*, *Schiff. (W. V.* 72, 1776).

*Polia flavicincta*, *Step. H.* iii. 32, 1829. *West. & H. M.* i. 191, t. 40, f. 9, 10, 1842.

*Noctua undulata*, *Goëze, E. B.* iii. 204, 1783.

*Phalæna-N. discolor*, *Vill. E.* ii. 280, 1789.

*Noctua flavicincta major*, *Esp. S.* iv. (507), t. 153, *Noct.* 74, f. 1—3, 1789—97.

*Phalæna-N. dysodea*, *Bork. E. S.* iv. 262, 1792.

147. *EUMICHTIS*.

*Eumichtis*, *Hüb. V.* 211, 1816.

*Epunda*, *Dup. C.* 141, 1846.

1. *EUMICHTIS LICHENEA*. The Feathered Ranunculus. B. M.

*Polia Lichenea*, *Hüb. No.* t. 122, f. 562, ♂, f. 563, ♀, 1814.

148. *EUROIS*.

*Eurois*, *Hüb. V.* 218, 1816.

*Polia B.*, *Och. (S.* iv. 74, 1816).

*Aplecta*, *Guén.—Ann. E. S. Fr.* vii. 217, 1838.

1. *EUROIS ADVENA*. The Pale Shining Brown. B. M.

*Noctua advena*, *Schiff. (W. V.* 77, 1776).

*Polia advena*, *Step. H.* iii. 28, 1829. *West. & H. M.* i. 189, t. 40, f. 1, 1842.

*Noctua celatina*, *Haw. (Pr.* 17, 1802).

Var. *a.* *Noctua nitens*, *Haw. L. B.* 188, 1810.

*Noctua nitensina*, *Haw. (Pr.* 17, 1802).

*Polia nitens*, *Step. H.* iii. 28, 1829.

2. *EUROIS TINCTA*. The Silvery Arches. B. M.

*Noctua tincta*, *Brahm, I. K.* ii. 393, 1791.

*Polia tincta*, *Step. H.* iii. 29, 1829. *West. & H. M.* i. 189, t. 40, f. 6, 1842.

*Noctua occulta*, *Fab. M.* ii. 166, 1787.

*Noctua trimaculosa*, *Esp. S.* iv. 400, t. 131, *Noct.* 52, f. 5.  
1788—95.

*Noctua advena*, *View. T. V.* ii. 55, 1790.

*Noctua hepatica*, *Hüb. No.* t. 16, f. 77, 1798.

*Noctua argentina*, *Haw. L. B.* 186, 1810.

3. EUROIS OCCULTA. The Great Brocade. B. M.

*Phalæna-N. occulta*, *Linn. S. Nat.* i. 514, 1758.

*Polia occulta*, *Cur. P. B. E.* vi. t. 248, 1829, 2. *Step. H.* iii.  
29, 1829, 7.

4. EUROIS NEBULOSA. The Gray Arches. B. M.

*Phalæna-N. nebulosa*, *Hüfn.—(Berl. M.)* iii. 418, 1769).

*Polia nebulosa*, *West. & H. M.* i. 189, t. 40, f. 2, 3, 1843.

*Noctua polyodon*, *Fab. S. E.* 616, 1775.

*Noctua transversa*, *Gesen. H.* 170, 1786.

*Noctua bimaculosa*, *Esp. S.* iv. (403), t. 132, *Noct.* 53, f. 1, 2;  
1788—95.

*Polia bimaculosa*, *Step. H.* iii. 28, 1829.

*Phalæna Noctua Thapsi*, *Brahm, I. K.* ii. 135, 1791.

*Noctua plebeia*, *Hüb. No.* t. 16, f. 78, 1798.

*Phalæna grandis*, *Don. B. I.* x. 51, t. 345, f. 1, 1801.

5. EUROIS HERBIDA. The Green Arches. B. M.

*Noctua Herbida*, *Schiff. (W. V.)* 313, 1776).

*Polia Herbida*, *Step. H.* iii. 30, 1829. *West. & H. M.* i. 190,  
t. 40, f. 7, 8, 1843.

*Noctua egregia*, *Esp. S.* iv. (297), t. 149, *Noct.* 40, f. 7, 1789  
—92.

*Phalæna-N. Jaspidea*, *Bork. E. S.* iv. 440, 1792.

*Noctua prasina*, *Fab. E. S.* iii. 2, 1794..

*Noctua Ligustrina*, *Haw. (Pr.)* 15, 1802).

*Noctua mixtina*, *Haw. (Pr.)* 17, 1802).

*Noctua mixta*, *Haw. L. B.* 187, 1810.

149. TRACHEA.

*Trachea*, *Hüb. V.* 219, 1816.

1. TRACHEA ATRIPLICIS. The Wild Arrach. B. M.

*Phalæna-N. Atriplicis*, *Linn. S. Nat.* i. 517, 1758.

*Trachea Atriplicis*, *Step. H.* iii. 22, 1829. *Cur. B. E.* ix. t.  
431, 1832.



## 150. HAPALIA.

Hapalia, *Hüb. V.* 220, 1816.

Actebia, *Step. (Cat. ii.* 78, 1829). *Id. H. iii.* 20, 1829.

Spælotis, ††, *Bois. (I. M.* 2 ed. 107, 1840).

1. HAPALIA PRÆCOX. The Portland Moth. B. M.

Phalæna-N. præcox, *Linn. S. Nat. i.* 517, 1758.

Actebia præcox, *Step. H. iii.* 21, 1829. *Cur. B. E. xii.* t. 539, 1835.

Noctua præceps, *Schiff. (W. V.* 82, 1776).

## 151. AGRIOPIS.

Agriopis, *Bois. I. M.* 2 ed. 123, 1840.

Pæcilia, p., *Hüb. V.* 204, 1816.

Chariptera, p., *Guén.—(Ann. E. S. Fr. x.* 243, 1841).

1. AGRIOPIS APRILINA. The Marvel-du-Jour. B. M.

Phalæna-N. Aprilina, *Linn. S. Nat. i.* 514, 1758.

Miselia Aprilina, *Step. H. iii.* 25, 1829. *West. & H. M. i.* 187, t. 39, f. 13, 14, 1843.

Noctua runica, *Schiff. (W. V.* 70, 1776).

## 152. VALERIA.

Valeria, *German.—Step. H. iii.* 22, 1829.

Meganephria, p., *Hüb. V.* 206, 1816.

Miselia, † *Bois. I. M.* 2 ed. 124, 1840.

1. VALERIA OLEAGINA. The Green Brindled Dot. B. M.

Noctua oleagina, *Schiff. (W. V.* 59, 1776). *Sow. B. M. i.* 77, t. 37, 1805.

Valeria oleagina, *Step. H. iii.* 23, 1829.

## 153. MISELIA.

Miselia, *Treit. S. v.* 1, 386, 1825.

Meganephria, p., *Hüb. V.* 206, 1816.

1. MISELIA OXYACANTHÆ. The Ealing's Glory. B. M.

Phalæna-N. Oxyacanthæ, *Linn. S. Nat. i.* 516, 1758.

Phalæna Oxyacanthæ, *Don. B. I. v.* 73, t. 165, 1796.

Miselia Oxyacanthæ, *Step. H. iii.* 24, 1829.

\*2. *MISELIA BIMACULOSA*.\* The Double-spot Brocade. B. M.

*Phalæna*-N. bimaculosa, *Linn. S. Nat.* ii. 856, 1767.

*Miselia bimaculosa*, *Cur. B. E.* iv. t. 177, 1827. *Step. H.* iii. 24, 1829.

*Noctua bimaculosa Italica*, *Esp. S.* iv. t. 157, *Noct.* 78, f. 5, 1789.

*Noctua binubeculosa*, *Esp. S.* iv. 528, 1798.

154. *THYATIRA*.

*Thyatira*, *Och.—Hüb. V.* 236, 1816.

*Strophia*, *Meig. E. S.* iii. 174, 1832.

a. *CALLEIDA*, *Sodoff.—Bull. S. I. Mosc.* 14, 1837.

1. *THYATIRA BATIS*. The Peach-blossom. B. M.

*Phalæna*-N. batis, *Linn. S. Nat.* i. 509, 1758.

*Thyatira batis*, *Cur. B. E.* ii. t. 72, 1825. *Step. H.* iii. 48, 1829.

b. *HABROSYNE*, *Hüb. V.* 236, 1816.

2. *THYATIRA DERASA*. The Buff Arches. B. M.

*Phalæna*-N. derasa, *Linn. S. Nat.* ii. 851, 1767.

*Thyatira derasa*, *Step. H.* iii. 47, 1829. *West. & H. M.* i. 201, t. 41, f. 13, t. 42, f. 114, 1843.

Sub-F. VII. *BOMBYCOIDI*.

*Bombycoidi*, *Bois. (I. M.)* 60, 1829).

*Apatelæ*, *Hüb. V.* 199, 1816.

155. *DIPHTERA*.

*Diphtera*, *Och. (S.)* iv. 63, 1816, 3).

*Moma*, *Hüb. V.* 203, 1816, 9.

*Diphthera*, *Treit. S.* v. 1, 47, 1825.

a. *MOMA*, *Hüb. ut supra*.

1. *DIPHTERA ORION*. The Scarce Marvel-du-Jour. B. M.

*Noctua Orion*, *Esp. S.* iv. (283), t. 148, *Noct.* 39, f. 4—7, 1791—89.

Diphthera Orion, *Step. H.* iii. 46, 1829. *Cur. B. E.* ix. t. 404, 1832.

\* Noctua ludificiana, *Haw. (Pr.* 15, 1802).

Var. ? a. Noctua Aprilina, *Schiff. (W. V.* 70, 1776).

Phalæna-N. runica, *Gmel. S. Nat.* i. 5, 2561, 1788.

Diphthera runica, *Step. H.* iii. 46, 1829.

## 156. TRIÆNA.

Triæna, *Hüb. V.* 200, 1816.

Acronycta, p., *Step. H.* iii. 39, 1829.

Semaphora, *Guén.—(Ann. E. S. Fr.* x. 235, 1841).

### 1. TRIÆNA PSI. The Gray Dagger.

B. M.

Phalæna-N. Psi, *Linn. S. Nat.* i. 524, 1758.

Acronycta Psi, *Step. H.* iii. 39, 1829. *West. & H. M.* i. 198, t. 42, f. 5; t. 41, f. 116, 1842.

Noctua tridens, *Hüb. No.* t. 1, f. 4, 1797.

Var. a. Acronycta cuspis, *Step. H.* iii. 40, 1829.

### 2. TRIÆNA TRIDENS. The Dark Dagger.

B. M.

Noctua tridens, *Schiff. (W. V.* 67, 1776).

Acronycta tridens, *Step. H.* iii. 40, 1829. *West. & H. M.* i. 198, t. 42, f. 7; t. 42, f. 18, 1842.

Noctua Psi, *Hüb. No.* t. 1, f. 5, 1797.

## 157. ACRONYCTA.

Acronycta, *Och. (S.* iv. 62, 1816). *Treit. S.* v. 1, 3, 1825.

Cometa, *Sodoff.—Bull. S. I. Mosc.* 12, 1837.

a. POLYMIXIS, p., *Hüb. V.* 205, 1816.

### 1. ACRONYCTA LIGUSTRI. The Coronet.

B. M.

Noctua Ligustri, *Schiff. (W. V.* 70, 1776).

Acronycta Ligustri, *Step. H.* iii. 38, 1829. *West. & H. M.* i. 194, t. 42, f. 1; t. 41, f. 112, 1842.

Noctua Coronina, *Haw. (Pr.* 17, 1802).

Var. a. Noctua Coronulina, *Haw. (Pr.* 17, 1802).

Noctua Coronula, *Haw. L. B.* 179, 1810.

b. JOCHEERA, *Hüb. V.* 201, 1816.

## 2. ACRONYCTA ALNI. The Alder. B. M.

*Phalæna-N. Alni*, *Linn. S. Nat.* ii. 845, 1767.

*Acronycta Alni*, *Step. H.* iii. 38, 1829. *West. & H. M.* i. 195, t. 42, f. 3; t. 41, f. 114, 1842.

*Noctua degener*, *Schiff. (W. V.* 70, 1776).

c. HYBOMA, *Hüb. V.* 200, 1816.

## 3. ACRONYCTA STRIGOSA.\* The Marsh Dagger. B. M.

*Noctua strigosa*, *Schiff. (W. V.* 88, 1776).

*Acronycta strigosa*, *Step. H.* iii. 30, 1829. *Wood, I. E.* t. 52, f. 1667.

*Noctua favillacea*, *Esp. S.* iv. (382), t. 127, f. 4, 1788—95.

*Phalæna-N. favillacea*, *Bork. E. S.* iv. 217, 1792.

d. PHARETRA, *Hüb. V.* 202, 1816.

## 4. ACRONYCTA AURICOMA. The Scarce Dagger. B. M.

*Noctua auricoma*, *Schiff. (W. V.* 67, 1776).

*Acronycta auricoma*, *Step. H.* iii. 41, 1829. *West. & H. M.* i. 196, t. 42, f. 9; t. 41, f. 101, 1842.

*Phalæna lunulata*, *Müll. Z. D. Pr.* 104, 1786.

Var. a. *Noctua Pepli*, *Hüb. No.* t. 134, f. 614, 1816.

Var. b. *Noctua similis*, *Haw. L. B.* 180, 1810.

*Acronycta similis*, *Step. H.* iii. 41, 1829.

Var. c. *Noctua Menyanthedis*, *Haw. L. B.* 180, 1810.

## 5. ACRONYCTA MENYANTHIDIS. The Light Knot-Grass. B. M.

*Noctua Menyanthidis*, *View. T. V.* ii. 50, 1790. *Esp. S.* iv. (461), t. 144, *Noct.* 65, f. 5, 1788—96.

*Acronycta Menyanthidis*, *Step. H.* iii. 43, t. 27, f. 1, 1829.

*Acronycta Menyanthedis*, *West. & H. M.* i. 196, t. 42, f. 11, 1842.

e. ARCTOMYSCIS, p., *Hüb. V.* 202, 1816.

## 6. ACRONYCTA RUMICIS. The Knot-Grass. B. M.

*Phalæna-N. Rumicis*, *Linn. S. Nat.* i. 516, 1758.

*Acronycta Rumicis*, *Step. H.* iii. 43, 1829. *West. & H. M.* i. 197, t. 42, f. 15; t. 41, f. 121, 1842.

Var. a. *Noctua Euphorbiæ*, *Haw. L. B.* 178, 1810.

*Acronycta Euphorbiæ*, *Step. H.* iii. 43, 1829. *Wood, I. E.* t. 14, f. 320.

Var. *b.* *Acronycta Euphrasiæ*, *Step. H.* iii. 43, 1829.

7. *ACRONYCTA SALICIS.* The Willow.

*Acronycta Salicis*, *Curr. B. E.* iii. t. 136, 1826.

*Acronycta Euphorbiæ*, *Wood, I. E.* t. 14, f. 320. (Var. præc.)?

8. *ACRONYCTA MYRICÆ.*

B. M.

*Acronycta Euphorbiæ*, *Steph. (nec. Schiff.)*

*Acronycta Myricæ*, *Guén. Spec. Gen.* v. 59.

9. *ACRONYCTA MEGACEPHALA.* The Poplar Gray.

B. M.

*Noctua megacephala*, *Schiff. (W. V.* 67, 1776).

*Acronycta megacephala*, *Step. H.* iii. 37, 1829. *West. & H.*

*M.* i. 195, t. 42, f. 16; t. 41, f. 142, 1842.

*Noctua Rumicis*, *Esp. S.* iv. t. 117, *Noct.* 38, f. 7, 9, 1788.

*Phalæna-N. macrocephala*, *Vill. E.* 175, 1789.

*Noctua arcaina*, *Haw. (Pr.* 17, 1802).

158. *APATELA.*

*Apatela*, *Step. H.* iii. 34, 1829.

a. *ARCTOMYSCIS*, p., *Hüb. V.* 202, 1816.

1. *APATELA ACERIS.* The Sycamore.

B. M.

*Phalæna-N. Aceris*, *Linn. S. Nat.* i. 514, 1758.

*Apatela Aceris*, *Step. H.* iii. 36, 1829. *West. & H. M.* i. 194,

t. 41, f. 5, 6; t. 42, f. 17, 1842.

Var. *a.* *Noctua candelisequa*, *Esp. S.* iv., *Sup.* 39, t. 191, *Noct.* 112, f. 1, 1793?

*Noctua infusata*, *Haw. L. B.* 177, 1810.

*Apatela Aceris*, *West. & H. M. l. c.* t. 41, f. 6.

♀. *Acronycta Aceris*,\* *Wing.—Tr. Ent. Soc.* v. 120, t. 14, f. 7, 1849, herm.

b. *ACRONYCTA*, *Hüb. V.* 20, 1816.

2. *APATELA LEPORINA.* The Miller.

B. M.

*Phalæna-N. Leporina*, *Linn. S. Nat.* i. 510, 1758.

*Apatela Leporina*, *Step. H.* iii. 35, 1829. *West. & H. M.* i.

193, t. 41, f. 1; t. 42, f. 13, 1842.

*Noctua Bradyporina*, *Hüb. No.* t. 124, f. 570, 571, 1814.

Var. *a. Acronycta Bradyporina*, *Treit. S. v. i.* 9, 1825. *Step. H.* iii. 36, 1829. *West. & H. M. i.* 193, t. 41, f. 4; t. 42, f. 12, 1842.

*Noctua Leporina*, *Hüb. No.* t. 4, f. 16, 1797.

### Sub-F. VIII. BRYOPHAGIDI.

*Bryophagidi*, *Guén.—Ann. E. S. Fr.* vi. 322, 1837.

#### 159. BRYOPHILA.

*Bryophila*, *Treit. S. v. 1*, 57, 1825.

*a. PÆCILIA*, p., *Hüb. V.* 204, 1816.

#### 1. BRYOPHILA GLANDIFERA. The Marbled Green. B. M.

*Noctua glandifera*, *Schiff. (W. V. 70)*, 1776).

*Bryophila glandifera*, *Step. H.* iii. 44, 1829. *West. & H. M.* i. 199, t. 41, f. 8, t. 42, f. 19, 1842.

*Noctua Lichenis*, *Fab. S. E.* 614, 1775.

*Noctua Lichenis*, *Fab. M.* ii. 173, 1787.

Var. *a. Noctua Par*, *Hüb. No.* t. 110, f. 515, 1812.

*b. METACHROSTIS*, *Hüb. V.* 204, 1816.

#### 2. BRYOPHILA PERLA. The Marbled Beauty. B. M.

*Noctua Perla*, *Schiff. (W. V. 70)*, 1776).

*Bryophila Perla*, *Step. H.* iii. 45, 1829. *West. & H. M.* i. 199, t. 41, f. 10, 1843.

*Phalæna-N. glandifera*, *Bork. E. S.* iv. 128, 1792.

*Noctua Litophila*, *Scrib. B.* iii. 262, 1793.

### Sub-F. IX. NOCTUO-BOMBYCIDI.

*Noctuo-Bombycidi*, *Guén.—(Ann. E. S. Fr. x.* 236, 1841).

*Noctuo-Bombycini*, *Bois. (I. M.* 58, 1829).

#### 160. CERATOPACHA.

*Ceratopacha*, *Step. H.* iii. 331, 1831.

*Ceropacha*, *Step. (Cat. ii.* 95, 1829). *Id. H.* iii. 51, 1829.

*Cymatophora*, *B., b., Treit. S. v. 1*, 77, 1825.

a. TETHEA, *Hüb. V.* 237, 1816.

## 1. CERATOPACHA FLUCTUOSA. The Satin Carpet. B. M.

*Noctua fluctuosa*, *Hüb. No. t.* 44, f. 212, 1799.

*Ceratopacha fluctuosa*, *Step. H. iii.* 51, 1829. *West. & H. M.* i. 202, t. 43, f. 1, 1843.

*Noctua similina*, *Haw. (Pr.* 12, 1802).

## 2. CERATOPACHA DUPLARIS. The Lesser Satin Carpet. B. M.

*Phalæna-N. duplaris*, *Linn. F. ii.* No. 1357, 1761.

*Ceratopacha duplaris*, *Step. H. iii.* 52, 1829. *West. & H. M.* i. 202, t. 43, f. 2, 1843.

*Phalæna-N. bipuncta*, *Bork. E. S. iv.* 627, 1792.

*Noctua bicolor*, *Esp. S. iv. Sup.* 70, t. 197, *Noct.* 18, f. 4, 1793?

*Bombyx binotata*, *Fab. E. S. iii.* 1, 486, 1793.

*Noctua undosa*, *Hüb. No. t.* 44, f. 211, 1799.

*Noctua dissimilina*, *Haw. (Pr.* 14, 1804).

b. ASPHALIA, *Hüb.* 238, 1816.

## 3. CERATOPACHA DILUTA. The Lesser Lutestring. B. M.

*Noctua diluta*, *Schiff. (W. V.* 87, 1776).

*Ceratopacha diluta*, *Step. H. iii.* 52, 1829. *West. & H. M. i.* 203, t. 43, f. 3, 4, 1843.

*Noctua octogena*, *Esp. S. iv. t.* 128, *Noct.* 49, f. 6, 1788.

*Phalæna-N. fasciculosa*, *Bork. E. S. iii.* 326, 1790.

*Bombyx undata*, *Fab. E. S. iii.* 1, 451, 1793.

c. PALIMPSESTIS, *Hüb. V.* 237, 1816.

## 4. CERATOPACHA OR. The Poplar Lutestring. B. M.

*Noctua Or*, *Schiff. (W. V.* 87, 1776).

*Ceratopacha Or*, *Step. H. iii.* 53, 1829.

*Phalæna-N. ♂-græcum*, *Vill. E. ii.* 251, 1789.

*Noctua octogena*, *Esp. S. iv. t.* 128, *Noct.* 49, f. 5, 1788.

*Phalæna-N. consobrina*, *Bork. E. S. iv.* 632, 1792.

*Phalæna gemina*, *Beck.—Linn. Tr. ii.* 4, t. 1, f. 4—6, 1794.

*Noctua flavicornis*, *Haw. L. B.* 252, 1810.

## 5. CERATOPACHA OCULARIS. The Figure-of-Eighty. B. M.

*Phalæna*-N. *ocularis*, *Linn. S. Nat.* ii. 837, 1767.

*Noctua octogessima*, *Hüb. Beit.* i. 13, t. f. G., 1786.

*Ceratopacha octogessima*, *Step. H.* iii. 53, t. 27, f. 2, 1829, 8.

*Noctua octogena*, *Esp. S.* iv. (388), t. 128, *Noct.* 49, f. 4, 1788—95.

*Phalæna*-N. Or, *Bork. E. S.* iv. 620, 1792.

*Tethea octogena*, *Cur. B. E.* vi. t. 272, 1829, 8.

*Cymatophora octogezima*, *Dup. (C.* 101, 1846).

## 6. CERATOPACHA FLAVICORNIS. The Yellow-horned. B. M.

*Phalæna*-N. *flavicornis*, *Linn. S. Nat.* i. 518, 1758.

*Ceratopacha flavicornis*, *Step. H.* iii. 54, 1829. *West. & H. M.* i. 203, t. 43, f. 7, 8, 1843.

*Noctua luteicornis*, *Haw. L. B.* 252, 1810.

d. *POLYPHOCA*, *Hüb. V.* 273, 1816.

*Cymatophora*, B., a., p., *Treit. S.* v. 1, 86, 1825.

## 7. CERATOPACHA RIDENS. The Frosted Green. B. M.

*Noctua ridens*, *Fab. M.* ii. 180, 1787.

*Ceratopacha ridens*, *Step. H.* iii. 55, 1829. *West. & H. M.* i. 205, t. 43, f. 9, 10, 1843.

*Noctua flavicornis*, *Schiff. (W. V.* 72, 1776).

*Noctua putris*, *Rottem.—Naturf.* viii. 108, 1781?

*Noctua erythrocephala*, *Esp. S.* iv. (309), t. 121, *Noct.* 42, f. 1—5, 1788—92.

*Phalæna chrysoceros*, *Beck.—Linn. Tr.* ii. 3, t. 1, f. 1—3, 1794.

*Noctua xanthoceros*, *Hüb. No.* t. 43, f. 205, 1799.

## 161. CLEOCERIS.

*Cleoceris*, *Bois. I. M.* 2 ed. 93, 1840.

*Bombycia*, *Step. H.* iii. 57, 1829.

*Raphia*, p., *Hüb. V.* 212, 1816.

*Cymatophora*, B., c., *Treit. S.* v. 1, 104, 1825.

*Chymatophora*, p., *Guén.—Ann. E. S. Fr.* vi. 315, 1837.

## 1. CLEOCERIS VIMINALIS. The Minor Shoulder-knot. B. M.

*Noctua Viminalis*, *Fab. G. M.* 284, 1777.

*Bombycia Viminalis*, *Step. H.* iii. 58, 1829.



- Cleoceris Viminalis*, *West. & H. M.* i. 206, t. 44, f. 5, 1843.  
*Phalæna-N. Saliceti*, *Bork. E. S.* iv. 632, 1792.  
*Bombyx stricta*, *Esp. S.* iii. *Sup.* 30, t. 84, *Bomb.* 5, f. 5, 1794.  
*Noctua scripta*, *Hüb. No.* t. 10, f. 50, 1797.

## 162. EUGRAMMA.

- Eugramma*, *Step. MSS.*  
*Ochria*, p., *Hüb. V.* 233, 1816.  
*Tethea*, B., a., p., *Treit. S.* v. 1, 84, 1825.  
*Cymatophora*, *Step. H.* iii. 58, 1829.  
*Chymatophora*, p., *Guén.—Ann. E. S. Fr.* vi. 315, 1837.  
*Cleoceris*, p., *Bois. I. M.* 2 ed. 93, 1840.  
*Tethea*, *Dup. C.* 102, 1846.

1. EUGRAMMA Oo. The Heart Moth. B. M.  
*Phalæna-B. Oo*, *Linn. S. Nat.* i. 507, 1758.  
*Cymatophora Oo*, *Step. H.* iii. 59, 1829.  
*Cleoceris Oo*, *West. & H. M.* i. 206, t. 44, f. 6, 7, 1843.  
*Noctua ferruginago*, *Hüb. No.* t. 41, f. 195, 1799.  
Var. *a. Noctua renata*, *Fab. ? E. S.* iii. b, 85, 1794.  
*Noctua renago*, *Haw. L. B.* 238, 1810.  
*Cymatophora Oo*, *Wood, I. E.* t. 14, f. 339, 1836.

## Sub-F. X. XANTHIDI.

*Xanthidi*, *Step. MSS.*

## 163. IPIMORPHA.

- Ipimorpha*, *Hüb. V.* 238, 1816.  
*Cymatophora*, A., *Treit. S.* v. 1, 77, 1825.  
*Tethea*, *Step. H.* iii. 55, 1829.  
*Kymatophora*, *Sodoff.—Bull. S. I. Mosc.* 13, 1837.  
*Plastenis*, *Bois. I. M.* 2 ed. 93, 1840.

1. IPIMORPHA SUBTUSA. The Olive. B. M.  
*Noctua subtusa*, *Schiff. (W. V.)* 88, 1776.  
*Tethea subtusa*, *Step. H.* iii. 56, 1829.  
*Plastenis subtusa*, *West. & H. M.* i. 205, t. 44, f. 1, 4, 1843.  
*Noctua tenuina*, *Haw. (Pr.)* 14, 1802).
2. IPIMORPHA RETUSA. The Double Kidney. B. M.  
*Phalæna-N. retusa*, *Linn. F.* ii. No. 1218, 1761.

*Tethea retusa*, *Step. H.* iii. 56, 1829.

*Plastenis retusa*, *West. & H. M.* i. 205, t. 44, f. 2, 3, 1843.

*Noctua vetula*, *Hüb. Beit.* 1, 13, t. 11, f. H., 1786.

*Phalæna chrysoglossa*, *Beck.—Linn. Tr.* ii. 5, t. 1, f. 10, 11, 1794.

*Noctua Caprææ*, *Fab. ? E. S.* iii. b, 26, 1794.

Var. *a. Noctua gracilis*, *Haw. L. B.* 251, 1810.

*Tethea gracilis*, *Step. H.* iii. 57, 1829. *Wood, I. E.* t. 14, f. 337, 1836.

*Noctua gracilina*, *Haw. (Pr.* 14, 1802).

#### 164. COSMIA.

*Cosmia*, *Och. (S.* iv. 84, 1816, 3). *Treit. S.* v. 2, 379, 1825.

*a. EUSTEGNIA*, *Hüb. V.* 236, 1816, 9.

##### 1. COSMIA PYRALINA. The Lunar-spotted Pinion. B. M.

*Noctua Pyralina*, *Schiff. (W. V.* 88, 1776).

*Cosmia Pyralina*, *Step. H.* iii. 61, 1829. *West. & H. M.* i. 207, t. 44, f. 8, 9, 1843.

*Phalæna-N. corusca*, *Bork. E. S.* iv. 640, 1792.

##### 2. COSMIA DIFFINIS. The White-spotted Pinion. B. M.

*Phalæna-N. diffinis*, *Linn. S. Nat.* ii. 848, 1767.

*Cosmia diffinis*, *Step. H.* iii. 60, 1829. *West. & H. M.* i. 207, t. 44, f. 10, 11, 1843.

*Noctua affinis*, *Hüb. Beit.* i. 10, t. 1, f. E., 1786.

*Phalæna-N. nacarata*, *Vill. E.* ii. 264, 1789.

*b. CALYMNIA*, *Hüb. V.* 235, 1816.

##### 3. COSMIA AFFINIS. The Lesser-spotted Pinion. B. M.

*Phalæna-N. affinis*, *Linn. S. Nat.* ii. 848, 1767.

*Cosmia affinis*, *Step. H.* iii. 61, 1829. *West. & H. M.* i. 207, t. 44, f. 12, 1843.

*Noctua palliata*, *Fab. E. S.* iii. 2, 38, 1794.

#### 165. EUPERIA.

*Euperia*, *Guén.—Ann. E. S. Fr.* viii. 486, 1839.

a. CALYMNIA, p., *Hüb. V.* 235, 1816.

## 1. EUPERIA TRAPETZINA. The Dun-bar. B. M.

*Phalæna*-N. *trapetzina*, *Linn. S. Nat.* i. 510, 1758.

*Cosmia trapetzina*, *Step. H.* iii. 62, 1829. *Wood, I. E.* t. 15, f. 343, ♂, 1836. *West. & H. M.* 207, t. 44, f. 13, ♀, 1843.

*Phalæna*-N. *rhombica*, *Hüb.*—(*Berl. M.* iii. 296, 1769).

b. ENARGIA, *Hüb. V.* 235, 1816.

## 2. EUPERIA FULVAGO. The Angle-striped Sallow. B. M.

*Noctua fulvago*, *Schiff. (W. V.* 86, 1776).

*Cosmia fulvago*, *Step. H.* iii. 62, 1829. *West. & H. M.* i. 208, t. 44, f. 14, ♂, 1843.

*Noctua paleacea*, *Esp. S.* iv. (323), t. 122, *Noct.* 43, f. 3, 4, 1788—92.

*Phalæna*-N. *gilvago*, *Bork. E. S.* iv. 683, 1792.

*Noctua angulago*, *Hatchett.—Ent. Tr.* i. 274, t. 5, fig. sup. ♀, 1812.

## 166. XANTHIA.

*Xanthia*, *Och. (S.* iv. 82, 1816). *Treit. S.* v. 2, 341, 1825.

a. CITRIA, *Hüb. V.* 234, 1816.

## 1. XANTHIA CERAGO. The Sallow. B. M.

*Noctua cerago*, *Schiff. (W. V.* 87, 1776).

• *Phalæna*-N. *fulvago*, *Linn. P. F.* ii. No. 1173, 1761.

*Xanthia fulvago*, *Step. H.* iii. 64, 1829. *West. & H. M.* i. 209, t. 45, f. 3, 4, 1843.

*Phalæna*-N. *crocea*, *Vill. E.* ii. 279, 1789.

Var. a. *Noctua icteritia*, *Goëze. B.* iii. 188, 1783.

*Noctua flavescens*, *Esp. S.* iv. (322), t. 122, *Noct.* 43, f. 2, 1788—92.

Var. b. *Noctua gilvago*, *Scrib. B.* ii. 141, t. x. f. 1, 1791.

Var. c. *Noctua gilvago*, *Haw. L. B.* 237, 1810.

*Xanthia gilvago*, *Step. H.* iii. 65, 1829. *Wood, I. E.* t. 15, f. 347, 1836.

## 2. XANTHIA FLAVAGO. The Pink-barred Sallow. B. M.

*Noctua flavago*, *Fab. M.* ii. 160, 1787.

*Xanthia flavago*, *Step. H.* iii. 64, 1829. *West. & H. M.* i. 209, t. 45, f. 1, 2, 1843.

*Noctua togata*, *Esp. S.* iv. (336), t. 124, *Noct.* 45, f. 1, 1788—92.

*Phalæna-N. ochreago*, *Bork. E. S.* iv. 671, 1792.

*Noctua silago*, *Hüb. No.* t. 40, f. 191, 1799.

*Phalæna rubago*, *Don. B. I.* x. 32, t. 338, f. 2, 1801.

b. MELLINIA, *Hüb. V.* 235, 1816.

3. *XANTHIA GILVAGO*. The Dusky-lemon Sallow. B. M.

*Noctua gilvago*, *Schiff. (W. V.* 87, 1776).

*Phalæna-N. ocellaris*, *Bork. E. S.* iv. 647, 1792.

Var. a. *Noctua palleago*, *Hüb. No.* t. 40, f. 192, 1799.

c. OCHRIA, *Hüb. V.* 233, 1816.

4. *XANTHIA AURAGO*. The Barred Sallow. B. M.

*Noctua aurago*, *Schiff. (W. V.* 86, 1776).

*Xanthia aurago*, *Step. H.* iii. 65, 1829. *West. & H. M.* i. 210, t. 45, f. 5, 1843.

*Noctua prætexta*, *Esp. S.* iv. (338), t. 124, *Noct.* 45, f. 2, 1788—92.

Var. a. *Phalæna-N. rutilago*, *Bork. E. S.* iv. 675, 1792.

Var. b. *Noctua fucata*, *Esp. S.* iv. (341), t. 124, *Noct.* 45, f. 3, 4.

d. CIRRHIA, *Hüb. V.* 234, 1816.

5. *XANTHIA CITRAGO*. The Orange Sallow. B. M.

*Phalæna-N. citrago*, *Linn. S. Nat.* i. 518, 1758.

*Xanthia citrago*, *Step. H.* iii. 66, 1829. *West. & H. M.* i. 210, t. 45, f. 7, 8, 1843.

*Noctua ochreago*, *Hüb. Beit.* ii. 1, 10, t. 1, f. D., 1789.

*Noctua aurago*, *Lang. V.* ii. 145, 1789.

## 167. JODIA.

*Jodia*, *Hüb. V.* 234, 1816.

*Xantholeuca*, *Step. H.* iii. (36, 1829). *Id.* 329, 1831.

*Lampetia*, *Cur. (G.)* 153, 1830).

*Hoporina*, *Bois. I. M.* 2 ed. 147, 1840.

## 1. JODIA CROCEAGO. The Orange Upperwing. B. M.

*Noctua croceago*, *Schiff.* (*W. V.* 86, 1776).

*Xantholeuca croceago*, *Step. H.* iii. 67, 1829. *West. & H. M.* i. 211, t. 45, f. 9, 10, 1843.

*Noctua fulvago*, *Esp. S.* iv. (678), t. 186, f. 3, 1790—1801?

*Phalæna eurantiago*, *Don. B. I.* v. 15, t. 150, f. 2, 3, 1796.

*Phalæna-N. ferruginata*, *Turt.-Gmel.* iii. 254, 1806.

## 168. ORBONA.

*Orbona*, *Hüb. Y.* 232, 1816.

a. ORBONA, *Hüb. ut supra.*

## 1. ORBONA RUFINA. The Flounced Rustic. B. M.

*Phalæna-N. rufina*, *Linn. S. Nat.* i. 822, 1758.

*Xanthia?* *rufina*, *Step. H.* iii. 65, 1829.

*Orbona rufina*, *West. & H. M.* i. 211, t. 45, f. 11, 12, 1843.

*Phalæna-N. helvola*, *Linn. S. Nat.* i. 507, 1758.

*Noctua catænata*, *Esp. S.* iv. (327), t. 123, *Noct.* 44, f. 1, 2, 1788—92.

*Noctua ferruginea*, *Haw. (Pr.* 15, 1802).

Var. a. *Phalæna-N. punicea*, *Bork. E. S.* iv. 687, 1792.

b. *SIDERIDIS*, p., *Hüb. No.* t. 232, 1816.

## 2. ORBONA FERRUGINEA. The Brick. B. M.

*Noctua ferruginea*, *Schiff.* (*W. V.* 86, 1776).

*Xanthia?* *ferruginea*, *Step. H.* iii. 68, 1829.

*Orbona ferruginea*, *West. & H. M.* i. 212, t. 45, f. 13, 1843.

*Phalæna-N. circellaris*, *Hüb.*—(*Berl. M.* iii. 404, 1769).

*Noctua undata*, *View. T. V.* ii. 17, 1790.

*Noctua fuscago*, *Esp. S.* iv. (677), t. 176, *Noct.* 97, f. 5, 6, 1790, 1801?

*Phalæna-N. undosa*, *Bork. E. S.* iv. 753, 1792.

*Noctua unimaculina*, *Haw. (Pr.* 15, 1802).

*Noctua macilenta*, *Haw. L. B.* 239, 1810.

*Orthosia?* *macilenta*, *Step. H.* ii. 148, 1829.

Aber.? *Noctua macilenta*, *Hüb. No.* t. 149, f. 688, 1816.

## 169. ATETHMIA.

*Atethmia*, *Hüb. V.* 238, 1816.

*Cirroedia*, *Guén.—Ann. E. S. Fr.* viii. 489, 1839.

1. *ATETHMIA CENTRAGO*. The Centre-barred Sallow. B. M.

*Noctua centrago*, *Haw. L. B.* 236, 1810.

*Xanthia centrago*, *Cur. B. E.* ii. t. 84, 1825.

*Xanthia* ? *centrago*, *Step. H.* iii. 65, 1829.

*Noctua xerampelina*, *Hüb. No.* t. 90, f. 421, 1806.

170. *SCOLIOPTERYX*.

*Scoliopteryx*, *Germ. Pr.* 14, 1811.

*Ephemias*, *Hüb. V.* 248, 1816.

*Calyptra*, *Och. (S. iv.)* 78, 1816).

*Calpe*, *Treit. S.* v. 2, 168, 1825.

*Gonoptera*, *Latr. (F. N.)* 476, 1825).

1. *SCOLIOPTERYX LIBATRIX*. The Herald. B. M.

*Phalæna-B. Libatrix*, *Linn. S. Nat.* i. 507, 1758.

*Phalæna Libatrix*, *Don. B. I.* vi. 85, t. 216, 1797.

*Calyptra Libatrix*, *Step. H.* iii. 50, 1829.

*Scoliopteryx Libatrix*, *Step. H.* iii. 325, 1831.

*Noctua modusta*, *Müll. F. F.* 42, 1774.

Sub-F. XI. *GORTYNIDI*.

*Gortynidi*, *Dup. C.* 114, 1846.

171. *GORTYNA*.

*Gortyna*, *Och. (S. iv.)* 82, 1816).

a. *OCHRIA*, p., *Hüb. V.* 233, 1816.

1. *GORTYNA FLAVAGO*. The Frosted Orange. B. M.

*Noctua flavago*, *Schiff. (W. V.)* 86, 1776).

*Gortyna flavago*, *Step. H.* iii. 70, 1829. *West. & H. M.* i. 213, t. 47, f. 16, 17, 1843.

*Noctua ochracea*, *Hüb. Beit.* 1, 19, t. 2, f. M, 1786.

*Noctua rutilago*, *Fab. M.* ii. 160, 1787.

*Phalæna Lappæ*, *Don. B. I.* x. 35, t. 340, 1801.

b. *GORTYNA*, *Hüb. V.* 232, 1816.

*Hydræcia*, p., *Guén.—(Ann. E. S. Fr. x.)* 237, 1841).

## 2. GORTYNA MICACEA. The Rosy Rustic. B. M.

*Noctua micacea*, *Esp. S.* iv. (466), t. 145, *Noct.* 66, f. 6, 1789—96.

*Gortyna micacea*, *Cur. B. E.* vi. t. 252, 1829, 3. *Step. H.* iii. 69, 1829, 8.

*Noctua Cypriaca*, *Hüb. No.* t. 46, f. 224, 1799.

## 3. GORTYNA PÉTASITIS. The Butter-bur. B. M.

*Gortyna Petasitis*, *Doub.—Zool.* v. 1914, 1847.

*Noctua Vindelicea*, *Frey. B.* vi. 82, t. 531, f. 3, 1849.

## Sub-F. XII. CARADRINIDI.

*Caradrinidi*, *Step. MSS.*

## 172. MYTHIMNA.

*Mythimna*, *Och. (S.* iv. 78, 1816).

*Mithymna*, *Sodoff.—Bull. S. I. Mosc.* 14, 1837.

*Leucania*, p., *Guén.—(Ann. E. S. Fr.* x. 237, 1841).

a. ALETIA, *Hüb. V.* 239, 1816.

## 1. MYTHIMNA TURCA. The Double Line. B. M.

*Phalæna-N. turca*, *Linn. F. S.* ii. No. 1221, 1761.

*Mythimna turca*, *Step. H.* ii. 150, 1829. *West. & H. M.* i. 141, t. 29, f. 1, 2, 1842.

*Phalæna-N. volupia*, *Hüfn. ?—(Berl. M.* iii. 304, 1769).

b. LEUCANIA, † *Bois. (I. M.* 2 ed. 131, 1840).

## 2. MYTHIMNA CONIGERA. The Brown-line Bright-eye. B. M.

*Noctua conigera*, *Schiff. (W. V.* 84, 1776).

*Mythimna conigera*, *Step. H.* ii. 151, 1829. *West. & H. M.* i. 142, t. 29, f. 3, 4, 1842.

*Noctua floccida*, *Esp. S.* iv. (332), t. 123, *Noct.* 44, f. 5, 1788—92.

c. HYPHILARE, *Hüb. V.* 239, 1816.

## 3. MYTHIMNA LYTHARGYRIA. The Clay. B. M.

*Noctua Lythargyria*, *Esp. S.* iv. 341, t. 124, *Noct.* 45, f. 5, 6, 1788.

- Phalæna-N. punctum-album*, Vill. E. ii. 282, 1789.  
*Noctua ferruginea*, Scrib. B. ii. 149, 1791.  
*Noctua ferrago*, Fab. E. S. iii. 2, 76, 1794.  
*Noctua grisea*, Fab. P. E. S. iii. 2, 69, 1794.  
*Mythimna grisea*, Step. H. ii. 150, 1829. West. & H. M. i.  
 143, t. 29, f. 5, 1842.  
*Noctua unipuncta*, Marsh. MSS.—Haw. (Pr. 15, 1802).  
 ♀. *Mythimna Lythargyria*, Step. H. ii. 151, 1829. West. & H. M.  
 i. 144, t. 29, f. 6, 1842.

## 173. MERISTIS.

*Meristis*, Hüb. V. 239, 1816.  
*Grammesia*, Step. H. ii. 151, 1829.

## 1. MERISTIS QUERCUS. The Treble Lines. B. M.

- Noctua Quercus*, Fab. S. E. 594, 1775.  
*Noctua trilinea*, Schiff. (W. V. 84, 1776).  
*Grammesia trilinea*, Step. H. ii. 152, 1829. West. & H. M. i.  
 146, t. 29, f. 17, 1842.  
*Phalæna-N. trigrammica*, Hüfn.—(Berl. M. iii. 408, 1769).  
*Noctua evidens*, Thunb. I. S. 2, 1784.  
*Phalæna-N. Quercicola*, Gmel. S. N. i. 5, 2535, 1788.  
*Noctua trilinearina*, Haw. (Pr. 19, 1802).  
 Var. a. *Noctua approximans*, Haw. L. B. 249, 1810.  
 Var. b. *Noctua semifuscans*, Haw. L. B. 249, 1810.

## 2. MERISTIS BILINEA. The Dark Treble Lines. B. M.

- Noctua bilinea*, Hüb. No. t. 45, f. 217, 1799.  
*Grammesia bilinea*, Step. H. ii. 152, 1829.  
*Caradrina bilinea*, Cur. B. E. xiv. t. 651, 1837.

## 174. CARADRINA.

*Caradrina*, Och.—Hüb. V. 230, 1816.

## a. CARADRINA, Hüb. ut supra.

## 1. CARADRINA BLANDA. The Rustic. B. M.

- Noctua blanda*, Schiff. (W. V. 77, 1776). Hüb. No. t. 34, f.  
 162, 1799.  
*Caradrina superstes*, Och.—Treitl. S. v. 2, 260, 1825. Step.  
 H. ii. 159, 1829.



- Caradrina Plantaginis*, *West. & H. M.* i. 144, t. 29, f. 11, 1842.  
 Var. *a.* *Noctua egens*, *Haw. L. B.* 206, 1810.  
*Caradrina Alsines*, *Step. H.* ii. 156, 1829. *Wood, I. E.* t. 11, f. 198.  
 Var. *b.* *Noctua depunctina*, *Haw. (Pr. App.* 7, 1802).  
*Noctua redacta*, *Haw. L. B.* 206, 1810.  
*Caradrina redacta*, *Step. H.* ii. 155, 1829. *Wood, I. E.* t. 11, f. 197.  
 Var. *c.* *Noctua blanda*, *Haw. L. B.* 208, 1810.  
*Caradrina ambigua*? *Step. H.* ii. 155, 1829. *Wood, I. E.* t. 10, f. 196.  
 Var. *d.* *Noctua xanthographa*, *Haw. L. B.* 206, 1810.  
 Var. *e.* *Noctua sordida*, *Haw. L. B.* 207, 1810.  
 Var. *f.* *Caradrina lævis*, *Step. H.* ii. 157, 1829. *Wood, I. E.* t. 11, f. 200.  
 Var. *g.* *Caradrina implexa*, *Step. H.* ii. 156, 1829. *Wood, I. E.* t. 11, f. 199.

2. *CADRINA ALSINES*. The White-line Rustic. B. M.

*Phalæna-N. Alsines*, *Bork. E. S.* iv. 608, 1792.  
*Noctua Alsines*, *Hüb. No.* t. 125, f. 577, 1815.

b. *ELAPHRIA*, *Hüb. V.* 230, 1816.

3. *CADRINA MORPHEUS*. The Mottled Rustic. B. M.

*Phalæna-N. Morpheus*, *Hüfn.*—(*Berl. M.* iii. 302, 1769).  
*Caradrina Morpheus*, *Step. H.* ii. 157, 1829. *West. & H. M.* i. 145, t. 29, f. 1314, 1842.  
*Phalæna pulla*, *Beck. ?—Linn. Tr.* i. 2, t. 1, f. 7, 9, 1791.

- Var. *a.* *Noctua Sepii*, *Hüb. No.* t. 34, f. 161, 1799.  
*Caradrina Sepii*, *Step. H.* ii. 158, 1829.

c. *ATHETIS*, p., *Hüb. V.* 209, 1816.

4. *CADRINA CUBICULARIS*. The Pale-mottled Willow. B. M.

*Noctua cubicularis*, *Schiff. (W. V.* 72, 1776).  
*Caradrina cubicularis*, *Step. H.* ii. 158, 1829. *West. & H. M.* i. 145, t. 29, f. 15, 1842.  
*Phalæna clavipalpis*, *Scop. ? E. C.* No. 526, 1763.  
*Phalæna-N. grisea*, *Hüfn.*—(*Berl. M.* iii. 412, 1769).  
*Noctua 4-punctata*, *Fab. ? S. E.* 594, 1775.  
*Noctua leucoptera*, *Thunb. I. S.* 41, t. 2, f. 13, 1791.  
*Noctua segetum*, *Esp. S.* iv. (492), t. 150, *Noct.* 71, f. 4, 5, 1789—97.

d. TELMIA; *Hüb. V.* 227, 1816.

## 5. CARADRINA EXIGUA.\* The Small-mottled Willow.

Noctua exigua, *Hüb. No. t.* 78, f. 362, 1804.Var. a. Noctua fulgens,\* *Hüb.-Ge. No. t.* 168, f. 796, 1826?

## 175. ACOSMETIA.

Acosmetia, *Step. (Cat. ii.* 110, 1829). *Id. H. iii.* 121, 1830.Athetis, p., *Hüb. (V.* 209, 1816).Hydrilla, p., *Bois. (I. M.* 138).a. HYDRILLA, *Bois. I. M.* 2 ed. 138, p.Hydrilla, *Guén. Spec. Gen. v.* 236.Caradrina, p., *Ochs.*

## 1. ACOSMETIA CALIGINOSA. The Reddish Buff. B. M.

Noctua caliginosa, *Hüb. No. t.* 100, f. 474, 1810.Acosmetia caliginosa, *Step. H. iii.* 122, 1830. *Wood, I. E. t.* 17, f. 430.Caradrina infida, *Och. (S. iv.* 93, 1816).Var. a. Phytometra lutescens, *Haw. L. B.* 260, 1810.Acosmetia lutescens, *Step. H. iii.* 122, 1830. *West. & H. M. i.* 244, t. 54, f. 3, 1843.Hydrilla uliginosa, *Bois. I. E. 2* ed. 138, 1840.

## 1\*. ACOSMETIA PALUSTRIS. The Marsh Buff.

Hydrilla palustris, *Hüb. ii. f.* 367. *Guén. Spec. Gen. v.* 237.b. CARADRINA, p., *Bois. I. E.* 82, 1829.Apamea, p., *Bois. I. E. 2* ed. 116, 1840.Miana, p., *Deub. — (List 7,* 1847).

## 2. ACOSMETIA ARCUOSA. The Small-dotted Buff. B. M.

Phytometra arcuosa, *Haw. L. B.* 260, 1810.Acosmetia arcuosa, *Step. H. iii.* 123, 1830. *West. & H. M. i.* 245, t. 54, f. 7, 1843.Noctua arcuina, *Haw. (Pr. 13,* 1802).Caradrina Duponchelii, *Bois. I. E.* 82, 1829.♀. Noctua minima, *Haw. L. B.* 216, 1810.Miana minima, *Step. H. iii.* 15, 1829.

- Var. *a.* *Noctua Airæ*, *Frey. N. B.* ii. 106, t. 162, f. 1—3, 1836.  
 Var. *b.* *Acosmetia Morrisii*, *Dale.—Nat.* ii. 88, 1837.

## 176. STILBIA.

*Stilbia*, *Step. (Cat.* ii. 110, 1829). *Id. H.* iii. 124, 1830.  
*Ophiusa*? *Bois. I. M.* 99, 1829.

## 1. STILBIA ANOMALA. The Anomalous.

B. M.

*Phytometra Anomala*, *Haw. Ent. Tr.* i. 336, 1812.  
*Geometra hybridata*, *Hüb. Ge.* t. 96, f. 497—8, 1814.  
*Caradrina stagnicola*, *Och. Treit. S.* 2, 258, 1825.  
*Stilbia anomalata*, *Step. (Cat.* ii. No. 6415, 1829). *Step. H.* iii.  
 125, 1830. *Cur. B. E.* xiv. t. 631, 1837. *West. & H. M.*  
 i. 246, t. 54, f. 8, ♂, 9, ♀, 1843.  
*Ophiusa*? *Lathyri*, *Bois. I. M.* 99, 1829.

## Sub-F. XIII. NONAGRIDI.

*Nonagridi*, *Guén.—Ann. E. S. Fr.* vi. 326, 1827.  
*Nonagridæ*, *Dup. C.* 114, 1846.

## 177. SENTA.

*Senta*, *Step. H.* iv. 297, 1834.  
*Nonagria*, p., *Treit. S.* v. 2, 339, 1825.  
*Melia*, B., *Cur. (B. E. v. fo.* 201, 1829).  
*Meliana*, *Cur. (G.* ii. 206, 1837).  
*Chiloës*, *H.-Schæff. S.* iii. 226, 1849.

## 1. SENTA ULVÆ. The Silky Wainscot.

B. M.

*Noctua Ulvæ*, *Hüb. No.* t. 139, f. 635, 636, 1816..  
*Melia (Meliana) sericea*, *Cur. (B. E. v. fo.* 201, 1829).  
*Senta sericea*, *Step. H.* iv. 298, 1834. *Wood, I. E.* t. 46, f.  
 1439.

- Var. *a.* *Tortrix*? *bipunctata*, \* *Haw.—Ent. Tr.* i. 337, 1812.  
*Senta anella*, *Step. H.* iv. 297, 1834.

## 2. SENTA FLAMMEA. The Flame Wainscot.

B. M.

*Melia (Meliana) flammea*, *Cur. B. E. v. t.* 201, 1829.  
*Senta flammea*, *Step. H.* iv. 297, 1834.  
*Noctua Arundinicola*, *Haworth, MSS.*  
*Nonagria Arundinicola*, *Doub. (List* 7, 1847).

## 178. CÆNOBIA.

Cænobia, *Step. MSS.*Nonagria, p., *Treit. S. v. 2, 339, 1825.*Acosmetia, p., *Step. H. iii. 120, 1829.*

## 1. CÆNOBIA RUFA. The Small Rufous. B. M.

Phytometra rufa, *Haw. L. B. 260, 1810.*Acosmetia rufa, *Step. H. iii. 123, 1830. Wood, I. E. t. 17, f. 431.*Nonagria despecta, *Treit. S. v. 2, 311, 1825.*Noctua despecta, *Hüb. No. t. 160, f. 751, 752, 1826.*Acosmetia rufula, *Step. (Cat. ii. No. 6411, 1829).*Var. a. Acosmetia lineola, *Step. H. iii. 120, 1830. Wood, I. E. t. 17, f. 432.*

## 179. NONAGRIA.

Nonagria, *Och. (S. iv. 82, 1816).*Enteriona, *Sodoff.—Bull. S. I. Mosc. 14, 1837.*a. SYMIRA, p., *Hüb. V. 240, 1816.*

## 1. NONAGRIA FULVA. The Small Wainscot. B. M.

Noctua fulva, *Hüb. No. t. 106, f. 496, 1810.*Noctua pygmina, *Haw. (Pr. 13, 1802). Id. L. B. 176, 1811.*Leucania pygmina, *Step. H. iii. 78, 1829. West. & H. M. i. 219, t. 47, f. 9, 1843.*Leucania Phragmatidis, *Step. (Cat. ii. No. 6344, 1829).*Var. a. Leucania fluxa? *Step. H. iii. 77, 1829. Wood, I. E. t. 15, f. 369.*Var. b. Leucania pallida, *Step. H. iii. 78, 1829. Wood, I. E. t. 15, f. 371.*Var. c. Leucania neurica? *Step. H. iii. 79, 1829. Wood, I. E. t. 15, f. 372.*Var. d. Leucania rosea, *Step. MSS.*Var. e. Leucania palustris, *Step. MSS.*

## 2. NONAGRIA EXTREMA. The Tipped Wainscot. B. M.

Noctua extrema, *Hüb. No. t. 106, f. 412, 1810.*

b. CALAMIA, p., *Hüb.* ? V. 240, 1816.

## 3. NONAGRIA HELLMANNI. The Mere Wainscot. B. M.

*Noctua Hellmanni*, *Frey. N. B.* v. 79, t. 429, f. 3, 1842?

*Leucania*? *Hellmanni*, *Ever. Lep. V.-U.* 270, 1844.

Var.? *a. Noctua fluxa*, *Hüb. No.* t. 88, f. 413, 1806.

c. NONAGRIA, t., *Hüb.* V. 241, 1816.

## 4. NONAGRIA NEURICA. The Brown-veined Wainscot. B. M.

*Noctua neurica*, *Hüb. No.* t. 82, f. 381, 1804.

Var. *a. Noctua neurica*, *Hüb. No.* t. 144, f. 659—661, 1816.

## 5. NONAGRIA GEMINIPUNCTA. The Twin-spotted Wainscot. B. M.

*Noctua geminipuncta*, *Hatchet.—Ent. Tr.* i. 327, t. 9, f. 2, 1812.

*Noctua paludicola*, *Hüb. No.* t. 139, f. 637, 1816.

Var.? *a. Noctua guttans*, *Hüb. No.* t. 137, f. 628, 629, 1816.

## 6. NONAGRIA CANNÆ. The Reed Wainscot. B. M.

*Nonagria Cannæ*, *Och. (S. iv.* 82, 1816). *Treit. S.* v. 2, 325, 1825. *West. & H. M.* i. t. 46, f. 11, 1843.

*Noctua Algæ*, *Esp. S. iv.* (441), t. 140, *Noct.* 61, f. 1, 2, 1788—96.

*Noctua nervosa*, *Lang. V.* ii. 142, 1789.

*Noctua Arundinis*, *Hüb. No.* t. 83, f. 386, 1805.

## 7. NONAGRIA TYPHÆ. The Bullrush. B. M.

*Noctua Typhæ*. *Thunb. ? I. S.* 3, 1784. *Esp. S. iv.* (442), t. 140, *Noct.* 61, f. 3—5, 1788—96. *West. & H. M.* i. 214, t. 46, f. 1—3, 1843.

*Noctua Arundinis*, *Scheven.—Fab. M.* ii. 141, 1787.

*Noctua latifolia*, *Lang. V.* ii. 142, 1789.

d. LEUCANIA, p., *Bois. I. M.* 2 ed. 131, 1840.

## 8. NONAGRIA? CRASSICORNIS. The Large Wainscot. B. M.

*Noctua crassicornis*, *Haw. L. B.* 178, 1810.

*Nonagria crassicornis*, *Step. H.* ii. 72, 1829. *West. & H. M.* i. 214, t. 46, f. 4—10, 1843.

*Noctua bathyerga*, *Frey. B.* ii. 122, t. 170, f. 1, 1836.

Var. *a. Noctua pilicornis*, *Haw.—Ent. Tr.* i. 336, 1812.

*Nonagria pilicornis*, *Step. H.* iii. t. 20, f. 1, 1829.

Var. *b.* *Nonagria lutosa*, *Cur. (G.)* i. 154, 1830). *West. & H. M.* i. l. c. f. 9.

#### Sub-F. XIV. LEUCANIDI.

Leucanidi, *Guén.—Ann. E. S. Fr.* vi. 331, 1837.

Leucanides, *Bois. I. M.* 2 ed. 131, 1840.

#### 180. LEUCANIA.

Leucania, *Och. (S.)* iv. 81, 1816).

Donachlora, *Sodoff.—Bull. S. I. Mosc.* 14, 1837.

a. SYMIRA, p., *Hüb. V.* 240, 1816.

1. LEUCANIA PUDORINA. The Striped Wainscot. B. M.

*Noctua pudorina*, *Schiff. (W.)* V. 85, 1776).

*Leucania pudorina*, *Step. H.* iii. 80, 1829. *West. & H. M.* i. 218, t. 47, f. 13, 14, 1843.

Var. *a.* *Noctua impudens*, *Hüb. No.* t. 47, f. 309, 1800.

2. LEUCANIA IMPURA. The Smoky Wainscot. B. M.

*Noctua impura*, *Hüb. No.* t. 85, f. 396, 1805?

*Leucania impura*, *Step. H.* iii. 75, 1829. *West. & H. M.* i. 216, t. 47, f. 3, 4, 1842.

*Noctua fuligosina*, *Haw. (Pr.)* 12, 1802).

*Noctua fuliginosa*, *Sam. (I.)* 29, 1819).

Var. *a.* *Noctua punctina*, *Haw. L. B.* 174, 1810.

*Leucania punctina*, *Step. H.* iii. 75, 1829. *Wood, I. E.* t. 15.. f. 563.

b. LEUCANIA, *Hüb. V.* 241, 1816.

3. LEUCANIA COMMA. The Shoulder-striped Wainscot. B. M.

*Phalæna-N. Comma*, *Linn. F.* ii. No. 1191, 1761.

*Leucania Comma*, *Step. H.* iii. 73, 1829. *West. & H. M.* i. 216, t. 47, f. 2, 1843.

*Noctua pallens*, *Esp. S.* iv. t. 90, *Noct.* 11, f. 2, 1787.

*Noctua turbida*, *Hüb. No.* t. 47, f. 228, 1800.

♀. *Noctua congener (turbida)*, *Hüb. No.* t. 135, f. 618, 1816.

*Noctua ramilinea*, *Haw. MSS.*

4. *LEUCANIA LITTORALIS*. The Shore Wainscot. B. M.  
*Leucania littoralis*, *Cur. B. E.* iv. t. 157, 1827.  
*Leucania littoralis*, *Step. H.* iii. 74, 1829.
5. *LEUCANIA OBSOLETA*. The Obscure Wainscot. B. M.  
*Noctua obsoleta*, *Hüb. No.* t. 48, f. 233, 1799.  
*Leucania obsoleta*, *Step. H.* iii. 74, 1829. *West. & H. M.* i.  
 217, t. 47, f. 5, 1843.
6. *LEUCANIA STRAMINEA*. The Southern Wainscot. B. M.  
*Leucania straminea*, *Treit. S.* v. 2, 297, 1825.  
*Nonagria Vectis*, *Cur. B. E.* x. t. 459, 1833.  
*Nonagria? Vectis*, *Step. H.* iv. 390, 1835.
7. *LEUCANIA PALLENS*. The Common Wainscot. B. M.  
*Phalæna-N. pallens*, *Linn. S. Nat.* i. 510, 1758.  
*Leucania pallens*, *Step. H.* iii. 76, 1829. *West. & H. M.* i.  
 217, t. 47, f. 7, 8, 1843.  
 Var. *a.* *Noctua rufescens*, *Haw. L. B.* 175, 1810.  
*Leucania rufescens*, *Step. H.* iii. 76, 1829. *Wood, I. E.* t. 15,  
 f. 366, 1836.  
 Var. *b.* *Leucania arcuata*, *Step. H.* iii. 76, 1829. *Wood, I. E.* t.  
 15, f. 364, 1836.  
 Var. *c.* *Leucania suffusa*, *Step. H.* iii. 77, 1829. *Wood, I. E.* t. 15,  
 f. 367, 1836.  
*Noctua ectypa*, *Hüb. No.* t. 48, f. 231, 1799.  
 Var. *d.* *Leucania ochracea*, *Step. H.* iii. 77, 1829. *Wood, I. E.* t.  
 15, No. 368.  
 Var. *e.* *Phalæna-N. pallida*, *Bork. E. S.* iv. 713, 1792.

181. *CALAMIA*.

*Calamia*, *Hüb. V.* 240, 1816.  
*Symira*, p., *Step. (Cat.)* ii. 102, 1829).

1. *CALAMIA PHRAGMITIDIS*. The Fen Wainscot. B. M.  
*Noctua Phragmitidis*, *Hüb. No.* t. 47, f. 330, 1801.  
*Calamia Phragmitis*, *Hüb. (V.)* 240, 1816).  
*Noctua semicana*, *Esp. S.* iv., *Sup.* 34, t. 189, *Noct.* 110, f. 5,  
 1802.  
*Symira musculosa*, *Step. (C.)* ii. No. 6350, 1829).  
*Leucania Phragmatidis*, *West. & H. M.* i. t. 47, f. 16; t. 48, f.  
 1, 1843.

## 182. SIMYRA.

*Simyra*, *Och.* (*S.* iv. 81, 1816, 3). *Treit. S.* v. 2, 280, 1825.

*Symira*, p., *Hüb.* V. 240, 1816, 9.

*Asema*, *Sodoff.*—*Bull. S. I. Mosc.* 14, 1837.

## 1. SIMYRA VENOSA. The Powdered Wainscot. B. M.

*Phalæna-N. venosa*, *Bork. E.* S. iv. 716, 1792.

*Simyra venosa*, *Step. H.* iii. 82, 1829. *West. & H. M.* i. 220, t. 48, f. 3, 1843.

*Noctua albovenosa*, *Goëze. P. E. B.* iii. 251, 1780.

*Noctua degener*, *Hüb. No.* t. 81, f. 380, 1804.

*Noctua atomina*, *Haw. (Pr.* 13, 1802). *Id. L. B.* 175, 1810.

## 183. ORIA.

*Oria*, *Hüb. V.* 240, 1816.

*Simyra*, p., *Step. H.* iii. 81, 1829.

*Synia*, *Dup. C.* 120, 1846.

## 1. ORIA MUSCULOSA. The Tawny-veined Wainscot. B. M.

*Noctua musculosa*, *Hüb. No.* t. 78, f. 363, 1804.

*Leucania musculosa*, *West. & H. M.* i. t. 48, f. 2, 1843.

*Phalæna-N. pudorina*, *Bork. E. S.* iv. 720, 1792.

*Simyra nervosa*, *Step. H.* iii. 82, 1829.

## Sub-F. XV. CUCULLIDI.

*Cucullidi*, *Step. MSS.*

## 184. PHLOGOPHORA.

*Phlogophora*, *Treit. S.* v. 1, 369, 1825.

*Trigonophora*, p., *Hüb. V.* 217, 1816.

*Solenoptera*, *Dup. C.* 134, 1846.

## 1. PHLOGOPHORA METICULOSA. The Angle-shades. B. M.

*Phalæna-N. meticulosa*, *Linn. S. Nat.* i. 513, 1758.

*Phlogophora meticulosa*, *Step. H.* iii. 83, 1829. *West. & H. M.* i. 221, t. 48, f. 5, 6, 1843.



## 2. PHLOGOPHORA EMPYREA. The Great Angle-shades.

*Phlogophora empyrea*, *Hüb.* 646. *Guenée, Spec. Gen.* vi. 66.

*Phalæna flammea*, *Esper.* pl. 53.

## 185. CUCULLIA.

*Cucullia*, *Schr. F. B.* ii. 2, 157, 1802.

*Lophia*, *Sodoff.—Bull. S. I. Mosc.* 15, 1837.

a. CUCULLIA, *Hüb.* V. 246, 1816.

## 1. CUCULLIA VERBASCI. The Mullein. B. M.

*Phalæna-N. Verbasci*, *Linn. S. Nat.* i. 515, 1758.

*Cucullia Verbasci*, *Step. H.* iii. 85, 1829. *West. & H. M.* i. 221, t. 48, f. 7, 8, 1843.

## 2. CUCULLIA SCROPHULARIÆ. The Water Betony. B. M.

*Noctua Scrophulariæ*, *Schiff. (W. V.)* 312, 1776.

*Cucullia Scrophulariæ*, *Step. H.* iii. 85, 1829. *West. & H. M.* i. 222, t. 48, f. 9, 10, 1843.

*Phalæna Verbasci*, *Don. B. I.* viii. 13, t. 257, 1799.

## 3. CUCULLIA LYCHNITIS. The Striped Lychnis. B. M.

*Cucullia Lychnitis*, *Ramb.—Ann. E. S. Fr.* ii. 17, t. 1, f. 3 c, 1833. *West. & H. M.* i. 223, t. 48, f. 13, 14, 1843.

*Cucullia Scrophulariæ*, var., *Treit. (Sup.)* ii. 129, 1835).

b. EUDERÆA, *Hüb.* (V. 245, 1816).

## 4. CUCULLIA ASTERIS. The Starwort. B. M.

*Noctua Asteris*, *Schiff. (W. V.)* 312, 1776).

*Cucullia Asteris*, *Cur. B. E.* i. t. 45, 1824. *Step. H.* iii. 86, 1829.

c. EUCALIMIA, *Hüb.* V. 245, 1816.

## 5. CUCULLIA GNAPHALII.\* The Shepherd's Purse. B. M.

*Noctua Gnaphalii*, *Hüb. No.* t. 126, f. 582, 583, 1815.

*Cucullia Gnaphalii*, *Step. H.* iii. 90, 1829.

*Cucullia Thapsiphaga*, *Step. H.* iii. 87, 1829.

*Cucullia Solidaginis*, *Step.—Tr. Ent. S.* ii. 57, t. 3, f. 7, 1837.

## 6. CUCULLIA ABSINTHII. The Wormwood. B. M.

*Phalæna-N. Absinthii*, Linn. *F.* ii. No. 1182, 1761.

*Cucullia Absinthii*, *Step. H.* iii. 96, 1829. *West. & H. M.* i. 225, t. 49, f. 5, 1843.

*Phalæna-N. punctigera*, Hüfn.—(*Berl. M.* iii. 416, 1769).

d. *CALLÆNIA*, *Hüb. V.* 246, 1816.

## 7. CUCULLIA UMBRATICA. The Shark. B. M.

*Phalæna-N. Umbratica*, Linn. *S. Nat.* i. 515, 1758.

*Cucullia Umbratica*, *Step. H.* iii. 87, 1829. *West. & H. M.* i. 225, t. 49, f. 6, 7, 1843.

Var. a. *Noctua Tanacetii*, *Haw. L. B.* 165, 1810.

*Cucullia Tanacetii*, *Step. H.* iii. 88, 1829, ♂. *Wood, I. E. t.* 16, f. 382.

Var. b. *Noctua Lactucæ*, *Haw. L. B.* 166, 1810.

*Cucullia Lactucæ*, *Step. H.* iii. 88, 1829, ♀. *Wood, I. E. t.* 16, f. 384.

Var. c. *Noctua Lucifuga*, *Haw. L. B.* 166, 1810.

*Cucullia Lucifuga*, *Step. H.* iii. 89, 1829, ♀. *Wood, I. E. t.* 16, f. 383.

## 8. CUCULLIA CHAMOMILLÆ. The Chamomile Shark. B. M.

*Noctua Chamomillæ*, *Schiff. (W. V.* 73, 1776).

*Cucullia Chamomillæ*, *Step. H.* iii. 89, 1829. *West. & H. M.* i. 226, t. 49, f. 14, 15, 1843.

♂. *Noctua fissina*, *Haw. (Pr.* 12, 1802).

*Cucullia fissina*, *Step. H.* iii. 90, 1829.

Var. a. *Noctua Chrysanthemi*, *Hüb. ? No. t.* 119, f. 606, 1815.

e. *ARGYRITIS*, *Hüb. V.* 247, 1816.

## \*?9. CUCULLIA ARTEMISIÆ.\* The Green Silver Spangle. B. M.

*Noctua Artemisiæ*, *Schiff. (W. V.* 322, 1776).

*Cucullia Artemisiæ*, *Step. H.* iii. 91, 1829. *West. & H. M.* i. 227, t. 49, f. 16, 1843.

*Noctua argentea*, *Fues. A.* 15, t. 5, 1781.

## 186. PERIPHANES.

*Periphanes*, *Hüb. V.* 247, 1816.

*Chariclea*, *Step. (Cat.* ii. 104, 1829). *Id. H.* iii. 92, 1829.

1. *PERIPHANES DELPHINII*. The Pease-blossom. B. M.*Phalæna*-N. *Delphinii*, *Linn. S. Nat.* i. 518, 1758.*Chariclea Delphinii*, *Cur. B. E.* ii. 76, 1825. *Step. H.* iii. 92, 1829.

## 187. CALOPHASIA.

*Calophasia*, *Step. (Cat.* ii. 104, 1829). *Id. H.* iii. 93, 1829.*Omia*, p., *Hüb. (V.* 244, 1816).*Cleophana*, p., *Bois. I. M.* 2 ed. 151, 1840.*Rhabdophana*, *Sodoff.—Bull. S. I. Mosc.* 15, 1837.1. *CALOPHASIA LINARIÆ*. The Flax Moth. B. M.*Noctua Linariæ*, *Schiff. (W. V.* 73, 1776).*Calophasia Linariæ*, *Step. H.* iii. 94, t. 29, f. 2, 1829.*Phalæna*-N. *lunula*, *Hüfn.—(Berl. M.* iii. 394, 1769).*Noctua stictica*, *Fab. M.* ii. 173, 1787.

## 188. ACTINOTIA.

*Actinotia*, *Hüb. V.* 244, 1816.*Cloantha*, *Bois. I. M.* 2 ed. 150, 1840.*Cleophana*, p., *Treit. Sup.* ii. 281, 1835.1. *ACTINOTIA PERSPICILLARIS*. The Purple Cloud.*Phalæna*-N. *perspicillaris*, *Linn. F.* ii. No. 1198, 1761.*Calophasia?* *perspicillaris*, *Step. (H.* iii. 94, 1829).*Cloantha perspicillaris*, *West. & H. M.* i. 230, t. 51, f. 1, 1843.

## Sub-F. XVI. PLUSIDI.

*Plusidi*, *Bois. (I. M.* 91, 1829).*Plusiæ*, *Hüb. V.* 251, 1816.

## 189. ABROSTOLA.

*Abrostola*, *Och. (S.* iv. 88, 1816).*Habrostola*, *Sodoff.—Bull. S. I. Mosc.* 15, 1837.1. *ABROSTOLA URTICÆ*. The Spectacle. B. M.*Noctua Urticæ*, *Hüb. No.* t. 137, f. 625, 1816.*Abrostola Urticæ*, *Step. H.* iii. 97, 1830. *West. & H. M.* i. 229, t. 50, f. 8, 9, 1843.

*Phalæna triplasia*, *Esp. S.* iv. (612), t. 179, *Noct.* 90, f. 1—3, 1790—1800. *Don. B. I.* ix. 23, t. 298, 1800.  
*Noctua Asclepiadis*, *Haw. L. B.* 246, 1810.

2. **ABROSTOLA TRIPLASIA.** The Dark Spectacle. B. M.  
*Phalæna-N. triplasia*, *Linn. S. Nat.* i. 517, 1758.  
*Abrostola triplasia*, *Step. H.* iii. 96, 1829. *West. & H. M.* i. 229, t. 50, f. 6, 7, 1843.

### 190. EUCHALCIA.

*Euchalcia*, *Hüb. V.* 250, 1816.  
*Abrostola*, p., *Och.* (S. iv. 88, 1816).  
*Plusia*, p., *Bois. (I. M.* 92, 1829).

1. **EUCHALCIA ILLUSTRIS.** The Purple Shades. B. M.  
*Noctua illustris*, *Fab. M.* ii. 164, 1787.  
*Abrostola?* *illustris*, *Step. H.* iii. 98, 1830.  
*Plusia illustris*, *Cur. B. E.* xvi. t. 731, 1839.  
 ♀. *Noctua cuprea*, *Esp. S.* iv. (199), t. 110, *Noct.* 31, f. 3, 4, 1787—89.

### 191. PLUSIA.

*Plusia*, *Och.* (S. iv. 89, 1816). *Treit. S.* v. 3, 134, 1826.

#### a. AUTOGRAPHA, *Hüb. V.* 251, 1816.

1. **PLUSIA IOTA.** The Plain Golden Y. B. M.  
*Phalæna-N. Iota*, *Linn. S. Nat.* i. 513, 1758.  
*Plusia percontationis*, *Och.* (S. iv. 90, 1816). *Step. H.* iii. 101, 1830. *West. & H. M.* i. 231, t. 51, f. 4, 1843.  
 Var. *a.* *Plusia Lambda-aurina*, *Step. MSS.*
2. **PLUSIA PULCHRINA.** The Beautiful Golden Y. B. M.  
*Noctua pulchrina*, *Haw. (Pr.* 16, 1802).  
*Noctua interrogationis*, *Esp. S.* iv. (225), t. 113, *Noct.* 34, f. 1, 2, 1789—90.  
*Noctua Iota*, *Hüb. No.* t. 58, f. 282, 1800.  
*Plusia Iota*, *Step. H.* iii. 100, 1830. *West. & H. M.* i. 231, t. 52, f. 1, 2, 1843.  
*Plusia inscripta*, *Doub. (List.* 11, 1847).  
 Var. *a.* *Phytometra pulchrina (Iota γ)*, *Haw. L. B.* 256, 1810.

Var. *b.* *Noctua Gamma-aurina*, *Haw.* (*Pr.* 16, 1802).  
 Aber.? *Noctua inscripta*, \* *Esp.* *S.* iv. 229, t. 113, f. 5, 1789.

3. *PLUSIA INTERROGATIONIS.* The Scarce Silver Y. B. M.

*Phalæna-N. interrogationis*, *Linn. S. Nat.* i. 513, 1758.

*Plusia interrogationis*, *Step. H.* iii. 102, 1830. *West. & H. M.* i. 235, t. 51, f. 6, 1843.

*Noctua conscripta*, *Hüb. Beit.* ii. 52, t. 4, U., 1786.

*Phalæna-N. æmula*, *Bork. E. S.* iv. 789, 1792.

*Noctua subpurpurina*, *Haw.* (*Pr.* 16, 1802).

Var. *a.* *Phalæna aurosignata*, *Don. B. I.* xiii. 43, t. 453, f. 1, 1808.

Var. *b.* *Noctua interrogationis*, *Hüb. No.* t. 180, f. 854, 1836.

Var. *c.* *Plusia Gamma-argentina*, *Step. MSS.*

4. *PLUSIA GAMMA.* The Silver Y. B. M.

*Phalæna-N. Gamma*, *Linn. S. Nat.* i. 513, 1758.

*Plusia Gamma*, *Step. H.* iii. 103, 1830. *West. & H. M.* i. 232, t. 51, f. 7, 8, 1843.

Var. *a.* *Plusia Gamma-fracta*, *Step. MSS.*

*b.* *DIACRYZIA*, *Hüb. V.* 252, 1816.

5. *PLUSIA CHRYSITIS.* The Burnished Brass. B. M.

*Phalæna-N. chrysitis*, *Linn. S. Nat.* i. 513, 1758.

*Plusia chrysitis*, *Step. H.* iii. 105, 1830. *West. & H. M.* i. 234, t. 51, f. 12, t. 52, f. 6, 1843.

6. *PLUSIA ORICHALCEA.* The Scarce Burnished Brass. B. M.

*Noctua orichalcea*, *Fab. S. E.* 607, 1775.

*Plusia orichalcea*, *Step. H.* iii. 105, 1830. *West. & H. M.* i. 234, t. 52, f. 7, 1843.

*Noctua orychalcea*, *Hüb. Beit.* ii. 28, t. 4, f. W. 1786.

*Noctua chryson*, *Esp. S.* iv. (446), t. 141, *Noct.* 62, f. 7, 1788—96.

*Noctua æriferæ*, *Sow. B. M.* i. 59, t. 29, 1805.

*c.* *CHRYBASPIDEA*, *Hüb. V.* 252, 1816.

7. *PLUSIA BRACTEA.* The Gold Spangle. B. M.

*Noctua Bractea*, *Schiff. (W. V.* 314, 1776).

*Noctua Bractea*, *Sow. B. M.* i. 57, t. 28, 1805.

*Plusia Bractea*, *Step. H.* iii. 106, 1830.

*Phalæna-N. securis*, *Vill. E.* ii. 271, 1789.

8. *PLUSIA FESTUCÆ*. The Gold Spot. B. M..

*Phalæna*-N. *Festucæ*, *Linn. S. Nat.* i. 513, 1758.

*Plusia Festucæ*, *Step. H.* iii. 107, 1830. *West. & H. M.* i. 234, t. 52, f. 8, 1843.

## Sub-F. XVII. HELIOTHIDI.

*Heliothidi*, *Guén.—Ann. E. S. Fr.* x. 53, 1841.

*Heliothentes*, *Hüb. V.* 258, 1816.

## 192. HELIOTHIS.

*Heliothis*, *Och. (S. iv.* 91, 1816). *Treit. S. v.* 3, 215, 1826.

*Heliotis*, *Sodoff.—Bull. (S. I. Mosc.* 15, 1837).

a. HELIOTHIS, *Och. ut supra*.

## 1. HELIOTHIS MARGINATA. The Bordered Sallow. B. M.

*Noctua marginata*, *Fab. E. S.* 610, 1775.

*Heliothis marginata*, *Step. H.* iii. 108, 1830. *West. & H. M.* i. 236, t. 53, f. 1, 1843.

*Noctua rutilago*, *Schiff. (W. V.* 86, 1776).

*Phalæna*-N. *conspicua*, *Bork. E. S.* iv. 123, 1792.

*Phalæna limbata*, *Stew. E.* ii. 188, 1802.

*Noctua marginago*, *Haw. (Pr.* 14, 1802). *Id. L. B.* 235, 1810.

Var. a. *Phalæna*-N. *umbra*, *Hüfn. ?—(Berl. M.* iii. 294, 1769).

*Noctua Umbrago*, *Esp. S. iv. Sup.* 21, t. 185, *Noct.* 106, f. 7, 8, 1790 ?

b. MELICLEPTRIA, *Hüb. V.* 262, 1816.

## 2. HELIOTHIS ARMIGERA. The Scarce Bordered Straw. B. M. ?

*Noctua armigera*, *Hüb. No.* t. 79, f. 370, 1804.

## 3. HELIOTHIS PELTIGERA. The Bordered Straw. B. M.

*Noctua peltigera*, *Schiff. (W. V.* 89, 1776).

*Heliothis peltigera*, *Step. H.* iii. 109, 1830. *West. & H. M.* i. 236, t. 53, f. 2, 3, 1843.

*Noctua florentina*, *Esp. S. iv. (422), t.* 135, *Noct.* 56, f. 2, 1788—95.

*Phalæna*-N. *scutigera*, *Bork. E. S.* iv. 93, 1792.

*Phalæna straminea*, *Don. B. I.* ii. 65, t. 61, 1793.

*Noctua barbara*, *Fab. E. S.* iii. 2, 111, 1794.

## 4. HELIOTHIS SCUTOSA. The Spotted Clover Moth. B. M.

*Noctua scutosa*, *Schiff.* (*W. V.* 89, 1776).

*Heliothis scutosa*, *Cur. B. E.* xiii. t. 595, 1836.

*Phalæna-N. stigmosa*, *Vill. E.* ii. 280, 1789.

## 5. HELIOTHIS DIPSACEA. The Marbled Clover. B. M.

*Phalæna-N. dipsacea*, *Linn. S. N.* ii. 856, 1767.

*Phalæna dipsacea*, *Don. B. I.* x. 9, t. 327, f. 3, ♀, 1801.

*Heliothis dipsacea*, *Step. H.* iii. 109, 1830. *West. & H. M.* i. 236, t. 53, f. 4, ♂, 1843.

*Phalæna-N. viridiplaca*, *Hüfn.*—(*Berl. M.* iii. 406, 1769).

## 193. ANARTA.

*Anarta*, *Och.* (*S.* iv. 90, 1816). *Treit. S.* v. 3, 200, 1826.

a. CHARELIA, *Sodoff.*—*Bull. S. I. Mosc.* 15, 1837.

## 1. ANARTA MYRTILLI. The Beautiful Yellow Underwing. B. M.

*Phalæna-No. Myrtilli*, *Linn. F.* ii. No. 1168, 1761.

*Anarta Myrtilli*, *Cur. B. E.* iii. t. 145, 1826. *Step. H.* iii. 111, 1830.

*Phalæna-No. Ericæ*, *Hüfn.*—(*Berl. M.* iii. 292, 1769).

Var. a. *Noctua albirena*, *Haw. L. B.* 163, 1810.

## 2. ANARTA CORDIGERA. The Small Dark-yellow Underwing. B. M.

*Noctua cordigera*, *Thunb. M. A. Up.* vi. f. 4, 1792.

*Anarta cordigera*, *Step. H.* iii. 111, 1830. *Wood, I. E.* t. 52, f. 1670, 1839.

*Noctua cincta*, *Schnei. M.* i. 529, 1791.

*Noctua albirena*, *Hüb. No.* t. 21, f. 99, 1798.

b. SYMPISTRIS, *Hüb. V.* 261, 1816.

[B. M.]

## 3. ANARTA MELANOPE. The Broad-bordered White Underwing.

*Noctua melanopa*, *Thunb. I. S.* 42, t. 2, f. 12, 1791.

*Noctua vidua*, *Hüb. No.* t. 86, f. 403, 1806.

*Anarta vidua*, *West. & H. M.* i. 238, t. 53, f. 9, 1843.

Var. a. *Noctua tristis*, *Hüb. No.* t. 95, f. 446, ♀, 1808.

## 194. PANEMERIA.

*Panemeria*, *Hüb.* V. 262, 1816.

*Gymnopa*, *Step. H.* iii. 112, 1829.

*Heliodes*, *Guén.*—(*Ann. E. S. Fr.* x. 61, 1841).

## 1. PANEMERIA ARBUTI. The Small Yellow Underwing. B. M.

*Noctua Arbuti*, *Fab. S. E.* 619, 1775.

*Phalæna-N. domestica*, *Hüfn.*—(*Berl. M.* iii. 1769).

*Noctua Heliaca*, *Schiff. (W. V.* 94, 1776).

*Gymnopa Heliaca*, *Step. H.* iii. 112, 1830. *Wood, I. E.* t. 17, f. 414, 1835.

*Noctua polícula*, *Lang. V.* ii. 159, 1789.

*Noctua fasciola*, *Esp. S.* iv. t. 163, f. 1, 1789.

*Noctua Arbuti*, *Esp. S.* iv. 555, 1798.

## Sub-F. XVIII. ACONTIDI.

*Acontidi*, *Guén.*—*Ann. E. S. Fr.* x. 219, 1841.

*Acontides*, *Bois. I. M.* 2 ed. 165, 1840.

## 195. ACONTIA.

*Acontia*, *Och. (S.* iv. 91, 1816). *Treit. S.* v. 3, 237, 1826.

*Heliothera*, *Sodoff.*—(*Bull. S. I. Mosc.* 15, 1837).

a. *ÆDIA*, *Hüb.* V. 261, 1816.

## 1. ACONTIA LUCTUOSA. The Four-spotted. B. M.

*Noctua luctuosa*, *Schiff. (W. V.* 90, 1776).

*Acontia luctuosa*, *Step. H.* iii. 113, 1830. *West. & H. M.* i. 238, t. 53, f. 11, 1843.

*Noctua leucomela*, *Fuesl. S. I.* 39, 1775.

*Noctua Italica*, *Fab. S. I.* ii. 218, 1781.

*Phalæna-N. Astroites*, *Vill. E.* ii. 263, 1789.

*Noctua leucomelina*, *Haw. (Pr.* 12, 1802).

b. *TARACHE*, *Hüb.* V. 261, 1816.

## \*?2. ACONTIA SOLARIS. The Pale Shoulder. B. M.

*Noctua Solaris*, *Schiff. (W. V.* 90, 1776).

*Acontia Solaris*, *Step. H.* iii. 113, t. 29, f. 3, 1829.



*Phalæna-N. lucida*, Hüfn.—(*Berl. M.* iii. 302, 1769).

*Noctua albicollis*, *Fab. Sp. I.* ii. 218, 1781.

*Phalæna-N. rupicola*, *Bork. E. S.* iv. 79, 1792.

\*3. *ACONTIA CALORIS*.\* The Marbled Beauty.

*Noctua Caloris*, *Hüb. No. t.* 80, f. 372, 1804.

*Acontia Caloris*, *Step. H.* iii. 114, 1830. *Wood, I. E.* t. 17, f. 417, 1436.

Sub-F. XIX. EMMELIDI.

*Emmelidi*, *Step. MSS.*

*Agrophilidæ*, *Dup. C.* 187, 1846.

196. EMMELIA.

*Emmelia*, *Hüb. V.* 254, 1816.

*Agrophila*, *Bois. I. M.* 2 ed. 175, 1840.

*Erastria*, *A., Och. (S.)* iv. 92, 1816).

*Hemeraptera*, *Sodoff.—Bull. S. I. Mosc.* 16, 1837.

1. EMMELIA SULPHURALIS. The Spotted Sulphur. B. M.

*Phalæna-Py. sulphuralis*, *Linn. S. Nat.* ii. 881, 1767.

*Erastria? sulphuralis*, *Step. H.* iii. 116, 1830. *West. & H. M.* i. 242, t. 53, f. 16, 1843.

*Phalæna trabealis*, *Scop. ? C.* 240, 1763.

*Noctua sulphurea*, *Schiff. (W. V.)* 93, 1776).

*Bombyx lugubris*, *Fab. G. M.* 280, 1777.

*Phalæna-N. Arabica*, *Bork. E. S.* iv. 807, 1792.

197. HYELA.

*Hyela*, *Step. MSS.*

*Hydrelia*, *Guén.—(Ann. S. E. Fr. x.)* 227, 1831).]

a. EUSTROTIA, *Hüb. V.* 253, 1816.

1. HYELA UNCANA. The Silver Hook. B. M.

*Phalæna-To. uncana*, *Linn. F.* ii. No. 1305, 1761.

*Erastria? uncana*, *Step. H.* iii. 117, 1830. *West. & H. M.* i. 241, t. 53, f. 15, 1843.

*Phalæna-N. singularis*, *Hüfn.—Berl. M.* iii. 396, 1769).

*Noctua unca*, *Schiff. (W. V.)* 91, 1776).

b. ARGYROSTROTIS, *Hüb. V.* 253, 1816.2. *HYELA BANKIANA*. The Silver Barred. B. M.*Pyrallis Bankiana*, *Fab. S. E.* 645, 1775.*Erastria Bankiana*, *Step. H.* iii. 117, 1830. *West. & H. M.* i. 242, t. 53, f. 17, 1843.*Tortrix Olivana*, *Schiff. (W. V.)* 126, 1776).*Noctua argentula*, *Hüb. Beit.* i. 9, t. 2, F., 1786.*Noctua olivæ*, *Hüb. No.* t. 60, f. 292, 1800.

## Sub-F. XX. MICRADI.

*Micradi*, *Step. MSS.**Anthophilidæ*, *Dup. C.* 184, 1846.

## 198. EROMENE.

*Eromene*, *Hüb. V.* 256, 1816.*Micra*, p., *Guén.—Ann. E. S. Fr.* x. 225, 1841.*Anthophila*, *Bois. I. M.* 2 ed. 173, 1840.

## 1. EROMENE OSTRINA.\* The Purple Marbled.

*Noctua ostrina*, *Hüb. No.* t. 85, f. 399, 1805.*Erastria ostrina*, *Cur. B. E.* iii. 140, 1826. *Step. H.* iii. 119, 1830.

## 199. TROTHISA.

*Trothisa*, *Hüb. V.* 256, 1816.*Micra*, *Guén.—(Ann. E. S. Fr.)* x. 224, 1841.

## \*?1. TROTHISA HAWORTHANA. The Small Marbled. B. M.

*Phytometra minuta*, *Haw.* 265, 1810.*Micra Haworthana*, *West. & H. M.* i. 243, t. 53, f. 20, 1843.

## Sub-F. XXI. ERASTRIDI.

*Erastridi*, *Step. MSS.**Noctuo-Phalænidæ*, *Dup. C.* 192, 1846.

## 200. ERASTRIA.

*Erastria*, *Och. (S.)* iv. 92, 1816, 3). *Treit. S.* v. 3, 250, 1826.*Haplotis*, *Hüb. V.* 254, 1816, 9.

## 1. ERASTRIA VENUSTULA. The Rosy Marbled. B. M.

*Noctua venustula*, *Hüb. Beit.* ii. 78, t. 4, Q., 1786.

*Erastria venustula*, *Step. H.* iii. 118, 1830. *West. & H. M.* 241, t. 53, f. 18, 1843.

*Pyrallis Hybnerana*, *Fab. P. E. S.* iii. 2, 247, 1794.

## 2. ERASTRIA FUSCULA. The Marbled White Spot. B. M.

*Noctua fuscula*, *Schiff. (W. V.)* 89, 1776.

*Erastria fuscula*, *Step. H.* iii. 119, 1830. *Cur. B. E.* viii. t. 356, 1831.

*Noctua polygramma*, *Esp. S.* iv. (470), t. 146, *Noct.* 67, f. 7, 1789—96.

*Phalæna-N. præduncula*, *Bork. E. S.* iv. 175, 1792.

Var. *a.* *Phytometra albilinea*, *Haw. L. B.* 261, 1810.

*Erastria albidilinea*, *Step. H.* iii. 120, 1830.

## 201. PROTHYMIA.

*Prothymia*, *Hüb. V.* 282, 1816.

*Phytometra*, § 3 p., *Haw. L. B.* 263, 1810.

*Anthophila*, *Och. (S.)* iv. 93, 1816).

*Phytometra*, *Step. H.* iii. 120, 1829.

*Heliomanes*, *Sodoff.—Bull. (S. I. Mosc.)* 16, 1837).

## 1. PROTHYMIA ÆNEA. The Small Purple Barred. B. M.

*Noctua ænea*, *Schiff. (W. V.)* 85, 1776).

*Phytometra ænea*, *Step. H.* iii. 121, 1830. *West. & H. M.* i. 244, t. 54, f. 2, 1843.

*Phalæna laccata*, *Scop. P. C.* No. 363, 1763.

*Noctua olivacea*, *View. T. V.* ii. 85, 1790.

*Noctua latruncula*, *Esp. S.* iv. (557), t. 163, *Noct.* 84, f. 2, 1789—98.

## Sub-F. XXII. OPHIUSIDI.

*Ophiusidi*, *Guén.—Ann. E. S. Fr.* x. 71, 1841.

## 202. OPHIUSA.

*Ophiusa*, *Och. (S.)* iv. 93, 1816). *Treit. S. v. a.* 288, 1826.

*Ophiussa*, *Hüb. V.* 266, 1816.

*Hemachra*, *Sodoff.—(Bull. S. I. Mosc.)* 16, 1837).

*Toxocampa*, *Guén.—Ann. E. S. Fr.* x. 75, 1841.

## 1. OPHIUSA PASTINUM. The Blackneck.

B. M.

*Ophiusa Pastinum*, *Treit. S.* v. 3, 297, 1826.*Noctua Lusina*, *Haw. (Pr.* 13, 1802).*Phytometra Lusoria*, *Haw. L. B.* 259, 1810.*Ophiusa Lusoria*, *Step. H.* iii. 125, 1830. *Cur. B. E.* x. t. 475, 1833.

## 203. OPHIODES.

*Ophiodes*, *Guén.—Ann. E. S. Fr.* x. 77, 1841.*Phoberia*, p., *Hüb. V.* 267, 1816.

## 1. OPHIODES LUNARIS.\* The Lunar Double Stripe.

*Noctua lunaris*, *Schiff. (W. V.* 94, 1776).*Noctua augur*, *Esp. S.* iv. 67, t. 87, *Noct.* 8, f. 4, 5, 1787.*Phalæna-N. fluctuans*, *Vill. E.* ii. 263, 1789.*Noctua meretrix*, *Fab. E. S.* iii. 2, 60, 1794.

## Sub-F. XXIII. CATOCALIDI.

*Catocalidi*, *Guén.—Ann. E. S. Fr.* x. 78, 1841.*Catocalides*, *Bois. I. M.* 2 ed. 166, 1840.

## 204. MORMO.

*Mormo*, *Och. (S.* iv. 70, 1816).*Mania*, *Treit. S.* v. 1, 294, 1825.

## 1. MORMO MAURA. The Old Lady.

B. M.

*Phalæna-N. maura*, *Linn. S. Nat.* i. 512, 1758.*Mormo maura*, *Step. H.* iii. 129, 1830. *West. & H. M.* i. 248, t. 55, f. 1, 2, 1843.*Noctua Lemur*, *Meineke.—Naturf.* vi. 112, 1775.

## 205. CATOCALA.

*Catocala*, *Schr. F. B.* ii. 2, 158, 1802.a. CATOCALLA, *Hüb. V.* 276, 1816.

## 1. CATOCALA FRAXINI. The Clifden Nonpareil.

B. M.

*Phalæna-N. Fraxini*, *Linn. S. Nat.* i. 512, 1758.*Catocala Fraxini*, *Step. H.* iii. 131, 1830. *West. & H. M.* i. 248, t. 55, f. 3, 4, 1843.

b. EUNETES, *Hüb. V.* 276, 1816.

## 2. CATOCALA NUPTA. The Red Underwing. B. M.

*Phalæna-N. Nupta*, *Linn. S. Nat.* ii. 841, 1767.

*Catocala Nupta*, *Step. H.* iii. 132, 1830. *West. & H. M.* i. 249, t. 55, f. 5, 1843.

*Phalæna Pacta*, *Harr. Aur.* t. 18, f. 9 m, 1773?

Var. *a.* *Noctua Concubina*, *Hüb. No.* t. 69, f. 329, 1801.

c. ASTIOTES, *Hüb. V.* 277, 1816.

## 3. CATOCALA SPONSA. The Dark Crimson Underwing. B. M.

*Phalæna-N. sponsa*, *Linn. S. Nat.* ii. 841, 1767.

*Catocala sponsa*, *Step. H.* iii. 133, 1830. *West. & H. M.* i. 250, t. 56, f. 1, 2, 1843.

## 4. CATOCALA PROMISSA. The Light Crimson Underwing. B. M.

*Phalæna-N. promissa*, *Schiff. (W. V.)* 90, 1776.

*Catocala promissa*, *Step. H.* iii. 134, 1830. *West. & H. M.* i. 250, t. 56, f. 3, 15, 1843.

Var. *a.* *Hemigeometra conjuncta*, *Haw. L. B.* 269, 1810.

*Catocala conjuncta*, *Step. H.* iii. 135, 1830. *West. & H. M.* i. 250, t. 56, f. 4.

Var. *b.* *Noctua Mnesta*, *Hüb. No.* t. 123, f. 569, 1814.

## Sub-F. XXIV. PHALÆNOIDI.

*Phalænoidi*, *Guén.—Ann. E. S. Fr.* x. 217, 1841.

## 206. BREPHOS.

*Brephos*, *Och. (S.)* iv. 96, 1816).

*Brepha*, *Hüb. teste Och. supra.*

*Archicæaris*, *Hüb. V.* 280, 1816, 9.

*Catoxanthia*, *Sodoff. (Bull. S. I. Mosc.)* 16, 1837).

## 1. BREPHOS PARTHENIAS. The Orange Underwing. B. M.

*Phalæna-B. Parthenias*, *Linn. F.* ii. No. 1160, 1761.

*Bombyx Vidua*, *Fab. E. S.* iii. 1, 468, 1794.

*Hemigeometra notha*, *Haw. L. B.* 269, 1810.

*Brepha notha*, *Cur. B. E.* iii. t. 121, 1826. *Step. H.* iii. 137, 1830.

## 2. BREPHOS NOTHA. The Light Orange Underwing. B. M.

*Noctua notha*, *Hüb. No. t.* 74, f. 343, 344, 1802.

*Noctua Parthenias*, *Esp. S. iv.* 51, t. 85, f. 48, 1786.

*Brepha Parthenias*, *Step. H. iii.* 136, 1830. *West. & H. M. i.* 251, t. 56, f. 5, 6, 1843.

*Brepha Parthenias*, var., *Goda. L. F. v.* 89, 1824.

## Sub-F. XXV. GONIATIDI.

*Goniatidi*, *Step. MSS.*

*Goniatidæ*, *Dvp. C.* 190, 1846.

## 207. EUCLIDIA.

*Euclidia*, *Och. (S. iv.)* 96, 1816). *Treit. S. v.* 3, 388, 1826.

a. DRASTERIA, *Hüb. V.* 280, 1816.

## 1. EUCLIDIA GLYPHICA. The Burnet. B. M.

*Phalæna-N. glyphica*, *Linn. S. Nat. i.* 510, 1758.

*Euclidia glyphica*, *Step. H. iii.* 138, 1830. *Cur. B. E. xiv. t.* 659, 1837.

b. CALLISTEGE, *Hüb. V.* 281, 1816.

## 2. EUCLIDIA MI. The Shipton. B. M.

*Phalæna-N. Mi*, *Linn. F. ii. No.* 1162, 1761.

*Euclidia Mi*, *Step. H. iii.* 139, 1830. *West. & H. M. i.* 252, t. 56, f. 11, 12, 1843.

*Phalæna-N. graminis*, *Hufn.—(Berl. M. iii.)* 412, 1769).

Var. a. *Noctua litterata*, *Cyr. E. N. i. t. 1, f. 9*, 1787.

---

## Sub-Div. III. LEPIDOPTERA SEMIDIURNA.

*Lepidoptera semidiurna*, *Step. H.* iii. 140, 1831.

## Fam. I. GEOMETRIDÆ.

*Geometridæ*, *Step. H.* iii. 141, 1831.

## Sub-Fam. I. DASYDIADI.

*Dasydiadi*, *Step. MSS.*

## 208. PSODOS.

*Psodos*, *Treit. S.* vi. 1, 254, 1827.

*Spodos*, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

*Parascotia*, p., *Hüb. V.* 314, 1816.

## 1. PSODOS TREPIDARIA. The Black Mountain Moth. B. M.

*Geometra trepidaria*, *Hüb. G.* t. 66, f. 343, 1809?

*Psodos trepidaria*, *Step. H.* iii. 144, 1831. *Wood, I. E.* t. 18, f. 449.

## 209. DASYDIA.

*Dasydia*, *Guén.*—*Dup. C.* 281, 1846.

*Orphne*, p., *Hüb. V.* 314, 1816.

## 1. DASYDIA TORVARIA.\* The Large Black Mountain Moth.

*Geometra torvaria*, *Hüb. G.* t. 71, f. 366, 367, 1806.

*Geometra tenebraria*, *Esp. S.* v. t. 51, *Geo.* f. 6, 1796. (*Vide West. & H. M.* ii. 67, *Notz.* 1843).

## Sub-F. II. FIDONIDI.

*Fidonidi*, *Guén. MSS.*

## 210. SPERANZA.

*Speranza*, *Cur. B. E.* v. fo. 225, 1828.

a. ISTURGIA, *Hüb. V.* 297, 1816.

## 1. SPERANZA LIMBARIA. The Frosted Yellow. B. M.

*Phalæna limbaria*, *Fab. S. E.* 624, 1775.*Speranza limbaria*, *Step. H.* iii. 145, 1831. *Wood, I. E.* t. 18, f. 452.*Geometra conspicuata*, *Schiff. (W. V.)* 316, 1776).*Geometra auroraria* (*conspicuata*), *Hüb. Beit.* 127, f. 4, f. Y, 1787.*Phalæna-G. circumdata*, *Vill. E.* ii. 330, t. 6, f. 10, 1789.b. PERCONIA, *Hüb. V.* 296, 1816.*Eupisteria*, *Dup. C.* 241, 1846.

## 2. SPERANZA BRUNNEATA. The Rannoch Looper. B. M.

*Geometra brunneata*, *Thunb. I. S.* 9, 1784.*Speranza brunneata*, *Step. H.* iii. 145, 1830.*Speranza sylvaria*, *Cur. B. E.* v. t. 225, 1828.*Episteria quinquaria*, *Doub. (List 14)*, 1847).♂. *Geometra quinquaria*, *Hüb. P. Ge.* t. 100, f. 516, 1816.♀. *Geometra Pinetaria*, *Hüb. P. Ge.* t. 24, f. 130, 1797.Var. ? a. *Phalæna atomata*, *Fab. P. E. S.* iv. 2, 190, 1794.Var. ? b. *Phalæna flammata*, *Fab. P. E. S.* iii. 2, 194, 1794.

## 211. EUPISTERIA.

*Eupisteria*, *Bois. I. M.* 2 ed. 192, 1840.

## 1. EUPISTERIA CARBONARIA. The Netted Mountain Moth. B. M..

*Phalæna-G. carbonaria*, *Linn. F.* No. 1246, 1761.*Geometra picearia*, *Hüb. Ge.* t. 106, f. 552—555, 1822.Var. a. ? *Geometra rosceidaria*, *Hüb. Ge.* t. 64, f. 332, 1802.

## 212. FIDONIA.

*Fidonia*, *Treit. S.* vi. 1, 262, 1827.*Phytonia*, *Sodoff. (Bull. S. I. Mosc.* 17, 1837).

## a. FIDONIA.

## 1. FIDONIA ATOMARIA. The Common Heath. B. M.

*Phalæna-G. atomaria*, *Linn. S. Nat.* i. 521, 1758.



*Fidonia atomaria*, *Step. H.* iii. 148, 1831. *Wood*, t. 18, f. 454, 455.

*Phalæna*-*G. Aceraria*, *Hüfn.*—(*Berl. M.* iv. 520, 1770).

♂. *Phalæna pennata*, *Scop. C.* No. 569, 1763.

♀. *Phalæna Isocelata*, *Scop. C.* No. 558, 1763.

Var. *a. Geometra glarearia*, *Haw. L. B.* 280, 1810.

Var. *b. Geometra rosceidaria*, *Haw. L. B.* 280, 1810.

Var. *c. Geometra carbonaria*, *Haw. L. B.* 280, 1810.

b. *SELIDOSEMA*, *Hüb. V.* 299, 1816.

## 2. FIDONIA PLUMARIA. The Bordered Gray.

B. M.

*Geometra plumaria*, *Schiff. (W. V.)* 106, 1776).

*Fidonia plumaria*, *Wood, I. E.* t. 18, f. 457.

*Phalæna rotaria*, *Fab. M.* ii. 189, 1787.

*Phalæna*-*G. ericetaria*, *Vill. E.* ii. 329, t. 6, f. 9, 1789.

*Fidonia ericetaria*, *Step. H.* iii. 149, 1831.

*Geometra Vespertaria*, *Esp. S. v.* (180), t. 32, f. 1, 1795—97.

♀. *Geometra subfimbriata*, *Haw.*—*Ent. Tr.* i. 136, 1812.

Var. *a. Geometra limbata*,\* *Ramb.*—*Ann. S. Ph. (teste Bois. C.)* 191, 1840), ♀.

## 213. HALIA.

*Halia*, *Dup. L. F.* viii. 107, 1829.

*Grammatophora*, *Step. (Cat.)* ii. 126, 1829).

*Itame*, p., *Hüb. V.* 299, 1816.

## 1. HALIA WAUARIA. The V. Moth.

B. M.

*Phalæna*-*G. Wauaria*, *Linn. S. Nat.* i. 522, 1758.

*Phalæna Vauaria*, *Don. B. I.* vi. 37, t. 196, 1797.

*Halia Vauaria*, *Step. H.* iii. 194, 1831.

*Phalæna*-*G. Viduaria*, *Müll. F. F.* 49, 1764.

*Phalæna*-*G. Vavaria*, *Hüfn.*—(*Berl. M.* iv. 508, 1770).

*Phalæna Vauaria*, *Schr. F. B.* ii. 2, 24, 1802.

Var. *a. Geometra Vau-nigraria*, *Hatchett.*—*Ent. Tr.* i. 244, t. 7, f. 3, 1812.

## 214. BUPALUS.

*Bupalus*, *Loech, E. E.* ix. 135, 1815.

*Catographa*, *Hüb. V.* 297, 1816.

## 1. Bupalus Piniarius. The Bordered White. B. M.

Phalæna-G. Piniaria, *Linn. S. Nat.* i. 520, 1758.Phalæna Piniaria, *Don. B. I.* x. 27, t. 336, 1801.Bupalus Piniarius, *Step. H.* iii. 147, 1831.Phalæna-G. Tiliaria, *Linn. S. Nat.* i. 520, 1758.

## 215. MÆSIA.

Mæsia, *Step. H.* iii. 150, 1831.Psednothrix, p., *Hüb. V.* 319, 1816.Scodiona, *Bois. I. M.* 2 ed. 185, 1840.

## 1. MÆSIA FAVILLACEARIA. The Gray Scalloped Bar. B. M.

Geometra favillacearia, *Hüb. G.* t. 26, f. 139, 1797.Bupalus favillacearius, *Cur. B. E.* i. t. 33, 1824.Mæsia favillacearia, *Step. H.* iii. 150, 1831.Phalæna mediopunctaria, *Don. B. I.* xiii. 59, t. 461, f. 1, 2, 1808.Var. a. Geometra Belgiaria, *Hüb. G.* t. 26, f. 140, 1797.

## Sub-F. III. HIBERNIDI.

Hibernidi, *Guén. MSS.*

## 216. ALSOPHILA.

Alsophila, *Hüb. V.* 320, 1816.Anisopteryx, p., *Step. H.* iii. 151, 1831.Anisopteryx, *Bois. I. M.* 2 ed. 193, 1840.

## 1. ALSOPHILA ÆSCULARIA: The March Moth. B. M.

Geometra Æscularia, *Schiff. (W. V.)* 101, 1776.Anisopteryx Æscularia, *Step. H.* iii. 152, 1831. *Wood, I. E.*  
t. 18, f. 460a, ♂, f. 461n, ♀.Geometra murinaria, *Esp. S. v.* (198), t. 35, f. 5, 6, 1795—97.Geometra cineraria, *Marsh. MSS.—Haw. (Pr.)* 23, 1802.♀. Geometra apteraria, *Haw. p. L. B.* 306, 1810.

## 217. ANISOPTERYX.

Anisopteryx, *Step. (Cat.)* ii. 116, 1829). *Id. H.* iii. 151, 1831.Agriopis, p., *Hüb. V.* 320, 1816.

## 1. ANISOPTERYX LEUCOPHEARIA. The Spring Usher. B. M.

*Geometra leucophearia*, Schiff. (W. V. 101, 1776).*Anisopteryx leucophearia*, Step. H. iii. 151, 1831. Wood. I. E. t. 18, f. 459a, ♂; f. 460n, ♀.*Geometra marmorinaria*, Esp. S. v. (205), t. 37, f. 1, 2, 1795—98.Var. a. *Geometra nigricaria*, Hüb. G. t. 35, f. 181, 1798.Var. ? b. *Geometra sorditaria*, Hüb. G. t. 64, f. 334, 1802 ?

## 218. ERANNIS.

*Erannis*, Hüb. V. 320, 1816.*Hybernia*, Lutr. (F. N. 479, 1825).*Lampetia*, Step. (Cut. ii. 116, 1829).*Hibernia*, Dup. L. F. viii. 106, 1829.

## 1. ERANNIS PROGEMMARIA. The Dotted Border. B. M.

*Geometra progemmaria*, Hüb. G. t. 35, f. 183, 1798.*Geometra capreolaria*, Esp. S. v. 203, t. 36, f. 8, 9, 1795.*Hybernia capreolaria*, Step. H. iii. 153, 1831. Wood, I. E. t. 18, f. 461a, ♂; f. 459n, ♀.Var. ? a. *Phalæna diversaria*, Fab. ? E. S. iii. 2, 157, 1794.*Geometra stictaria*, Marsh. MSS.—Haw. (Pr. 21, 1802).Var. b. *Geometra connectaria*, Haw. L. B. 285, 1810. Step. H. iii. 152, 1831.♀. *Geometra luctuaria*, Haw. L. B. 279, 1810.

## 2. ERANNIS AURANTIARIA. The Scarce Umber. B. M.

*Geometra aurantiaria*, Hüb. G. t. 35, f. 184, 1798.*Geometra mellearia*, Beck. & S. F. I. iii. 676, 1805.*Geometra prosapiaria*, Haw. L. B. 285, 1810.*Hybernia prosapiaria*, Step. H. iii. 152, 1831. Wood. I. E. t. 18, f. 463, ♂.Var. a. *Phalæna-G. testacearia*, Vill. E. ii. 321, t. 6, f. 5, 1789.

## 3. ERANNIS DEFOLIARIA. The Mottled Umber. B. M.

*Phalæna-G. defoliaria*, Linn. F. ii. No. 1238, 1761.*Hybernia defoliaria*, Step. H. iii. 153, 1831. Cur. B. E. xv. t. 703, 1838.*Phalæna-G. pulveraria*, Hüfn.—(Berl. M. iv. 518, 1770).

## Sub-F. IV. BISTONIDI.

Bistonidi, *Step. MSS.*

## 219. PHIGALIA.

Phigalia, *Dup. L. F.* viii. 106, 1829.Apochima, p., *Hüb. V.* 319, 1816.Amphidasis, p., *Step. (Cat. ii.* 117, 1829).Amphidasys, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

## 1. PHIGALIA PILOSARIA. The Pale Brindled Beauty. B. M.

Geometra pilosaria, *Schiff. (W. V.* 100, 1776).Phigalia pilosaria, *Step. H.* iii. 156, 1831. *Wood. I. E.* t. 18, f. 465a, ♂; f. 465n, ♀.Phalæna pedaria, *Fab. E. S.* iii. 2, 148, 1794.Geometra plumaria, *Esp. S.* v. (195), t. 35, f. 1, 2, 1795—97.♂. Phalæna-G. hyemaria, *Bork. E. S.* v. 193, 1764.

## 220. NYSSIA.

Nyssia, *Dup. L. F.* viii. 106, 1829.Apocheima, p., *Hüb. V.* 319, 1816.Amphidasis, p., *Step. (Cat. ii.* 117, 1829).a. NYSSIA, *Dup. ut supra.*

## 1. NYSSIA HISPIDARIA. The Small Brindled Beauty. B. M.

Geometra hispidaria, *Schiff. (W. V.* 99, 1776).Nyssia hispidaria, *Step. H.* iii. 156, 1831.Phalæna Ursularia, *Don. B. I.* xiii. 31, t. 447, 1808.Var. a. Nyssia Tauaria, *Newm.*—*Ent. Mag.* i. 413, 1833.b. ITHYSIA, *Hüb. V.* 319, 1816.

## 2. NYSSIA ZONARIA. The Belted Beauty. B. M.

Geometra Zonaria, *Schiff. (W. V.* 100, 1776).Nyssia Zonaria, *Step. H.* iv. 391, 1835. *Cur. B. E.* xiii. t. 615, 1836.Phalæna Zona, *Fab. M.* ii. 131, 1787.♀. Nyssia Zonaria,\* *Wing.*—*Tr. Ent. Soc.* v. 121, t. 14. f. 9, 1849, herm.

## 221. BISTON.

Biston, *Leach, E. E.* ix. 134, 1815.

Amphidasis, *Dup. L. Fr.* viii. 106, 1829.

a. LYCIA, *Hüb. V.* 319, 1816.

## 1. BISTON HIRTARIUS. The Brindled Beauty. B. M.

Phalæna-G. hirtaria, *Linn. F.* ii. No. 1236, 1761.

Biston hirtarius, *Step. H.* iii. 159, 1831. *West. & H. M.* ii. 10, t. 58, f. 14, 15, 1843.

Phalæna-G. atomaria, *Hüb.*—(*Berl. M.* iv. 510, 1770).

Geometra prodromaria, *Lang. V.* 177, 1782.

Var. a. Phalæna-G. contiguaria, *Bork. E. S.* v. 187, 1794.

Geometra congeneraria, *Hüb. Ge.* t. 33, f. 174, 1797.

Var. b. Geometra fumaria, *Haw. L. B.* 273, 1810.

b. EUBYJA, *Hüb. V.* 318, 1816.

## 2. BISTON BETULARIUS. The Peppered Moth. B. M.

Phalæna-G. Betularia, *Linn. S. Nat.* i. 521, 1758.

Biston Betularius, *Step. H.* iii. 159, 1831. *West. & H. M.* ii. 9, t. 58, f. 11—13, 1843.

Phalæna-G. Ulmaria, *Bork. E. S.* v. 181, 1794.

## 3. BISTON PRODROMARIUS. The Oak Beauty. B. M.

Geometra prodromaria, *Schiff. (W. V.)* 99, 1776).

Biston prodromarius, *Step. H.* iii. 158, 1831. *West. & H. M.* ii. 9, t. 58, f. 8—10, 1843.

Phalæna-G. strataria, *Hüb.*—(*Berl. M.* iv. 514, 1770).

Phalæna marmoraria, *Fues. M.* i. 216, 1778.

Geometra hispidaria, *Lang. V.* 176, 1782.

♂. Biston prodromaria,\* *Wing.—Tr. Ent. Soc.* v. 120, t. 14, f. 8, 1849, herm.

## Sub-F. V. ODOPTERIDI.

Odopteridi, *Step. MSS.*

Ennomidi, *Guén. MSS.*

## 222. HIMERA.

Himera, *Dup. L. F.* viii. 104, 1829.

Colotois, p., *Hüb. V.* 288, 1816.

Metra, *Step. (Cat. ii.* 118, 1829).

## 1. HIMERA PENNARIA. The Feathered Thorn. B. M.

Phalæna-G. pennaria, *Linn. F. ii.* No. 1231, 1761.

Himera pennaria, *Step. H. iii.* 160, 1831. *West. & H. M. ii.* 11, t. 59, f. 1, 2, 1843.

Aber. Geometra bifidaria,\* *Haw. L. B.* 291, 301, 1810.

## 223. CROCALLIS.

Crocallis, *Treit. (S. v. 2,* 431, 1826). *Id. vi.* 151, 1827.

Colotois, p., *Hüb. G.* 288, 1816.

## 1. CROCALLIS ELINGUARIA. The Scolloped Oak. B. M.

Phalæna-G. elinguarina, *Linn. S. Nat. i.* 520, 1758.

Crocallis elinguarina, *Step. H. iii.* 162, 1831. *West. & H. M. ii.* 11, t. 59, f. 3, 4, 1843.

## 224. ODONTOPERA.

Odontopera, *Step. H. iii.* 162, 1831.

Gonodontis, p., *Hüb. V.* 287, 1816.

## 1. ODONTOPERA BIDENTATA. The Scolloped Hazel. B. M.

Phalæna-G. bidentata, *Linn. F. ii.* No. 1255, 1761.

Odontopera bidentata, *Step. H. iii.* 163, 1831. *West. & H. M. ii.* 11, t. 59, f. 5, 6, 1843.

Phalæna dentaria, *Fab. S. E.* 623, 1775.

Geometra obscurata, *Schiff. P (W. V.* 104, 1776).

## 225. ODOPTERA.

Odoptera, *Sodoff.—Bull. S. I. Mosc.* 16, 1837.

Geometra, *Leach, E. E.* ix. 134, 1815.

Ennomos, D., *Treit. S. vi.* 1, 41, 1827.

a. EUGONIA, *Hüb. V.* 291, 1816.

1. ODOPTERA ALNIARIA. The Large Thorn. B. M.  
*Phalæna*-G. Alniaria, *Linn. S. Nat.* i. 519, 1758.  
*Geometra* Alniaria, *Step. H.* iii. 164, 1831. *Wood, I. E. t.*  
 58, f. 8, ♀, 1839.
2. ODOPTERA TILIARIA. The Canary-shouldered Thorn. B. M.  
*Phalæna*-G. Tiliaria, *Bork. E. S.* v. 87, 1794.  
*Geometra* Tiliaria, *Step. H.* iii. 166, 1831. *Wood, I. E. t.*  
 18, f. 473, ♂.  
*Geometra* Canaria, *Hüb. Beit.* ii. 99, t. 4, f. Y, 1789.  
*Geometra* Alniaria, *Haw. L. B.* 293, 1810.  
 Var. a. *Geometra* Canaria, *Step. H.* iii. 165, 1831. *Wood, I. E. t.*  
 18, f. 474.
3. ODOPTERA EROSARIA. The September Thorn. B. M.  
*Geometra* erosaria, *Schiff. (W. V.)* 103, 1776). *Step. H.* iii.  
 165, 1831. *Wood, I. E. t.* 18, f. 476, ♂.  
*Phalæna* crassaria, *Fab. E. S.* iii. 2, 135, 1794.  
*Geometra* Tiliaria, *Esp. S.* v. 60, t. x. f. 3—6, 1794.  
 Var. a. *Geometra* ochraria, *Step. H.* iii. 165, 1831. *Wood, I. E. t.*  
 18, f. 475.
4. ODOPTERA FUSCANTARIA. The Dusky Thorn. B. M.  
*Geometra* fuscantaria, *Haw. (Pr. 22, 1802).* *Step. H.* iii. 167,  
 1831. *Wood, I. E. t.* 19, f. 485. (Var. præc.?).
5. ODOPTERA ANGULARIA. The August Thorn. B. M.  
*Geometra* angularia, *Schiff. (W. V.)* 105, 1776). *Step. H.* iii.  
 166, 1831. *Wood, I. E. t.* 107, f. 477, 480. *Cur. B. E.*  
 xiv. t. 667, 1837.  
 ♂. *Geometra* angularia, *Haw. L. B.* 294, 1810.  
 ♀. *Geometra* Alniaria, *Don. B. I.* viii. 61, t. 275, 1799.  
*Geometra* Tiliaria, *Haw. L. B.* 294, 1810.  
 Var. a. *Phalæna*-G. dentaria, *Vill. E.* ii. 301, 1789.  
 Var. b. *Geometra* erosaria, *Esp. S.* v. 62, t. 11, f. 1, 2, 1794.  
 Var. c. *Geometra* Carpinaria, *Hüb. G. t.* 5, f. 27, 1796. *Step. H.*  
 iii. 167, 1831. *Wood, l. c. f.* 480.  
 Var. d. *Geometra* Quercinaria, *Hüb. G. t.* 5, f. 24. *Step. H.* iii.  
 166, 1831. *Wood, l. c. fo.* 478.

Var. *e.* *Geometra Quercaria*, *Hüb. G.* t. 80, f. 411, 412? *Step. H.* iii. 166, 1831.

Var. *f.* *Geometra angularia*, *Hüb. G.* t. 5, f. 22. *Step. H.* iii. 166, 1831. *Wood, l. c.* f. 479.

b. *SELENIA*, *Hüb. V.* 292, 1816.

6. *ODOPTERA LUNARIA.* The Lunar Thorn. B. M.

*Phalæna lunaria*, *Fab. E. S.* 623, 1775.

*Geometra lunaria*, *Step. H.* iii. 169, 1831. *Wood, l. E.* t. 19, f. 483.

*Geometra lunularia*, *Hüb. Beit.* i. 27, t. 3, f. T, 1789.

Var. *a.* *Geometra delunaria*, *Hüb. G.* t. 7, f. 34, 1796. *Step. H.* iii. 170, 1831. *Wood, l. E.* t. 19, f. 484.

Var. ? *b.* *Geometra sublunaria*, *Step. H.* iii. 170, t. 28, f. 1, 1831.

7. *ODOPTERA ILLUSTRARIA.* The Purple Thorn. B. M.

*Geometra illustraria*, *Hüb. G.* t. 7, f. 34, 1796. *Step. H.* iii. 170, 1831. *West. & H. M.* ii. 14, t. 59, f. 18, 1843.

*Phalæna-G. tetralunaria*, *Hüfn.*—(*Berl. M.* iv. 506, 1770).

*Geometra lunaria*,  $\beta$ . *quadrilunaria*, *Esp. S.* v. 72, t. 12, f. 5, 6, 1794—5.

*Phalæna Phœbaria*, *Schr. F. B.* ii. 2, 13, 1802.

8. *ODOPTERA ILLUNARIA.* The Early Thorn. B. M.

*Geometra illunaria*, *Hüb. G.* t. 7, f. 36—7, 1796. *Step. H.* iii. 168, 1831. *West. & H. M.* ii. 13, t. 59, f. 13, 14, 1843.

*Geometra lunaria*, var. 2—4, *Schiff. (W. V.* 282, 1776).

*Geometra bilunaria*, *Esp. S.* v. (73), t. 13, f. 1—10, 1794—5.

Var. *a.* *Geometra illunaria*, *Esp. S.* v. (76), t. 14, f. 1—5, 1794—5.

Var. *b.* *Phalæna ustularia*, *Don. B. I.* iii. 25, t. 82, 1794.

Var. *c.* *Geometra unilunaria*, *Esp. S.* v. (77), t. 14, f. 3—8, 1794—5.

Var. *d.* *Geometra fulvolunaria*, *Esp. S.* v. (78), t. 14, f. 9, 10, 1794—5.

Var. *e.* *Geometra Juliaria*, *Haw. L. B.* 293, 1810. *Step. H.* iii. 169, 1831. *Wood, l. E.* t. 19, f. 482, 1834.

*Geometra illunaria*, var. *Æstivalis*, *Dup. L. F.* viii. 157, t. 144, f. 3, 1829.



## 226. PERICALLIA.

*Pericallia*, *Step.* (*Cat.* ii. 120, 1829). *Id.* *H.* iii. 171, 1831.  
*Hygochroa*, p., *Hüb.* V. 293, 1816.

## 1. PERICALLIA SYRINGARIA. The Lilac Beauty. B. M.

*Phalæna*-G. *Syringaria*, *Linn. S. Nat.* i. 520, 1758.

*Pericallia Syringaria*, *Step. H.* ii. 171, 1831. *West. & H. M.*  
 ii. 15, t. 59, f. 21, t. 60, f. 29, 1843.

Var. ? *a.* *Geometra circularia*, *Thunb. I. S.* 58, t. 4, f. 6, 1792.

## 227. ANGERONA.

*Angerona*, p., *Dup. L. F.* viii. 104, 1829.

*Crocota*, *Hüb.* V. 295, 1816.

## 1. ANGERONA PRUNARIA. The Orange Moth. B. M.

*Phalæna*-G. *Prunaria*, *Linn. S. Nat.* i. 520, 1758.

*Angerona Prunaria*, *Step. H.* iii. 172, 1831. *West. & H. M.*  
 ii. 15, t. 59, f. 22—25, 1843.

*Phalæna corticalis*, *Scop. C.* 216, 1734.

*Phalæna*-G. *fulvaria*, *Hufn. P.*—(*Berl. M.* iv. 518, 1770).

*Phalæna atomaria*, *Goetz. B.* iii. 292, 1779.

♀. *Phalæna dimidiata*, *Fab. S. E.* 630, 1775, var. ♀.

Var. *a.* *Geometra Corylaria*, *Thunb. I. S.* 4, 1784.

*Phalæna sordidata*, *Goetz. B.* iii. 342, 1779.

*Phalæna Prunaria*, var., *Don. B. I.* ix. 13, t. 293, f. 3, 1800.

♂. *Angerona Prunaria*,\* *herm. Dunc. E. M.* 216, t. 27, f. 1, 1841.

## 228. OPISTOGRAPTIS.

*Opistograptis*, *Hüb.* V. 292, 1816.

*Rumia*, *Dup. L. F.* viii. 103, 1829.

## 1. OPISTOGRAPTIS CRATÆGATA. The Brimstone Moth. B. M.

*Phalæna*-G. *Cratægata*, *Linn. F.* ii. No. 1283, 1761.

*Rumia Cratægata*, *Step. H.* iii. 174, 1831. *West. & H. M.* ii.  
 15, t. 59, f. 26—28, 1843.

*Phalæna*-G. *luteolata*, *Linn. S. Nat.* i. 525, 1758.

## 229. OURAPTERYX.

*Ourapteryx*, *Leach, E. E.* ix. 134, 1815.

*Therinia*, p., *Hüb. V.* 290, 1816.

*Acæna*, *Treit. S.* vi. 1, 84, 1827.

*Urapteryx*, *Kirby & Sp. I.* iv. *Index*, 1832?

1. **OURAPTERYX SAMBUCARIA.** The Swallow-tailed Moth. B. M.  
*Phalæna*-G. *Sambucaria*, *Linn. S. Nat.* i. 519, 1758.  
*Ourapteryx Sambucaria*, *Step. H.* iii. 175, 1831. *Cur. B. E.*  
 xi. t. 508, 1834.

### 230. EUDALIMIA.

*Eudalimia*, *Hüb. V.* 286, 1816, 9.

*Phalæna*, *Leach, E. E.* ix. 134, 1815.

*Campæa*, p., *Lam. A. s. V.* iii. 169, 1816, 8.

*Metrocampa*, *Latr. (F. N.)* 477, 1825).

1. **EUDALIMIA MARGARITARIA.** The Light Emerald. B. M.  
*Phalæna*-G. *margaritaria*, *Linn. F.* ii. No. 1249, 1761.  
*Campæa margaritaria*, *Step. H.* iii. 176, 1831. *West. & H. M.*  
 ii. 16, t. 59, f. 32; t. 60, f. 42, 1843.  
*Phalæna*-G. *vernaria*, *Hüfn.*—(*Berl. M.* iv. 506, 1770).  
*Bombyx sesquistriaria*, *Esp. S.* iii. 368, t. 72, f. 1, 2, 1785.  
*Phalæna vitriolata*, *Cyr. E. N.* t. iv. f. 4, 1787.  
*Phalæna*-G. *bupleuraria*, *Vill. E.* iv. 495, 1789.  
*Phalæna*-G. *sesquistriaria*, *Bork. E. S.* iv. 454, 1789.  
 ♀. *Phalæna*-G. *prosapiaria*, *Linn. F.* ii. No. 1252, 1761.

### 231. ELLOPIA.

*Ellopia*, *Treit. (S. v.)* 2, 429, 1825). *Id.* vi. 1, 89, 1827.

*Therina*, p., *Hüb. V.* 283, 1816.

1. **ELLOPIA FASCIARIA.** The Banded Red. B. M.  
*Phalæna*-G. *fasciaria*, *Linn. S. Nat.* i. 521, 1758.  
*Ellopia fasciaria*, *Step. H.* iii. 177, 1831. *West. & H. M.* ii.  
 16, t. 59, f. 33, 1843.  
*Phalæna*-G. *Neustriaria*, *Hüfn.*—(*Berl. M.* iv. 520, 1770).  
 Var. ? *a. Geometra prasinaria*, \* *Hüb. Ge.* t. 1, f. 4, 1796.

### Sub-F. VI. GEOMETRIDI.

*Geometridi*, *Guén. MSS.*

*Chlorochromites*, *Dup. C.* 223, 1846.

## 232. GEOMETRA.

*Geometra*, Linn. *S. Nat.* ii. 1767.

*Hipparchus*, Leach, *E. E.* ix. 134, 1815.

*Holothalassis*, Hüb. *V.* 285, 1816.

## 1. GEOMETRA PAPILIONARIA. The Large Emerald. B. M.

*Phalæna-G. Papilionaria*, Linn. *S. Nat.* i. 522, 1758.

*Hipparchus Papilionaria*, *Step. H.* iii. 178, 1831. *West. & H.*

*M.* ii. 17, t. 60, f. 1, 2, 1843.

## 233. JODIS.

*Jodis*, Hüb. *V.* 286, 1816.

*Hemithea*, p., *Dup. L. F.* viii. 106, 1829.

*Chlorochroma*, A., *Dup. C.* 224, 1846.

## 1. JODIS VERNARIA. The Small Emerald. B. M.

*Phalæna-G. vernaria*, Linn. *F.* ii. No. 1227, 1761.

*Hemithea vernaria*, *Step. H.* iii. 179, 1831. *West. & H. M.* ii.

17, t. 60, f. 3, 4, 1843.

*Phalæna-G. Volutata*, Vill. *E.* ii. 373, 1789.

*Geometra chrysoprasaria*, *Esp. S.* v. 37, t. 5, f. 1—4, 1794.

*Phalæna-G. Ærugina*, Bork. *E. S.* v. 43, 1794.

*Phalæna lucidata*, Don. *B. I.* iii. 67, t. 97, 1795.

## 234. PSEUDOTERPNA.

*Pseudoterpna*, Hüb. *V.* 284, 1816.

*Hemithea*, *Dup. C.* 225, 1846.

## 1. PSEUDOTERPNA CYTHISARIA. The Grass Emerald. B. M.

*Geometra Cythisaria*, Schiff. (*W. V.* 97, 1776).

*Hemithea Cythisaria*, *Step. H.* iii. 180, 1831. *West. & H. M.*

ii. 18, t. 60, f. 6, 7, 1843.

*Phalæna-G. Pruniata*, Hüfn.—(*Berl. M.* iv. 625, 1770).

*Phalæna prasinaria*, Fab. *S. E.* 626, 1775.

*Phalæna-G. Genistaria*, Vill. *E.* ii. 328, 1789.

Var. *a.* *Hemithea Coronillaria*, *Dup. L. F.* viii. 255, t. 152, f. 3, ♂, 1829.

Var. *b.* *Hemithea Agrestaria*, *Dup. L. F.* viii. 257, t. 152, f. 4, ♀, 1829.

## 235. EUCHLORIS.

Euchloris, *Hüb. V.* 283, 1816.

Phorodesma, p., *Bois. I. M.* 2 ed. 179, 1840.

## 1. EUCHLORIS SMARAGDARIA. The Essex Emerald. B. M.

*Phalæna Smaragdaria, Fab. M. I.* ii. 192, 1787.

*Geometra Smaragdaria, Esp. S.* v. 38, t. 5, f. 5—7, 1794.

*Hipparchus Smaragdarius, Cur. B. E.* vii. t. 300, 1830.

*Hemithea Smaragdaria, Step. H.* iii. 179, 1831.

## 236. COMIBÆNA.

*Comibæna, Hüb. V.* 284, 1816.

*Phorodesma, p., Bois. I. M.* 2 ed. 179, 1840.

## 1. COMIBÆNA BAJULARIA The Blotched Emerald. B. M.

*Geometra bajularia, Schiff. (W. V.)* 97, 1776).

*Cleora bajularia, Step. H.* iii. 181, 1831. *West. & H. M.* ii. 18, t. 60, f. 8, 9, 1843.

*Phalæna-G. pustulata, Hüfn.—(Berl. M.)* iv. 520, 1770).

*Phalæna ditaria, Fab. G. M.* 286, 1777.

## Sub-F. VII. CLEORIDI.

*Cleoridi, Step. MSS.*

## 237. CLEORA.

*Cleora, Cur. B. E.* ii. fo. 88, 1825.

a. SYNOPSIS, *Hüb. V.* 317, 1816.

## 1. CLEORA LICHENARIA. The Brussels' Lace. B. M.

*Geometra lichenaria, Schiff. (W. V.)* 100, 1776).

*Cleora lichenaria, Step. H.* iii. 181, 1831. *West. & H. M.* ii. 18, t. 60, f. 10, 11, 1843.

Var. α. *Phalæna-G. cineraria, Bork. E. S.* v. 165, 1794.

## 2. CLEORA VIDUARIA. The Speckled Beauty.

*Geometra viduaria, Schiff. (W. V.)* 101, 1776).

*Cleora viduaria, Step. H.* iii. 182, t. 30, f. 2, 1831.

*Geometra angularia, Thunb. I. S.* 59, t. 4, f. 9, ♀, 1792.

b. DRYOCÆTIS, *Hüb. V.* 316, 1816.

## 3. CLEORA GLABRARIA. The Dotted Carpet. B. M.

♂. *Geometra glabraria*, *Hüb. Ge. t.* 65, f. 339, 1801.♀. *Geometra teneraria*, *Hüb. Ge. t.* 67, f. 348, 1801.*Cleora teneraria*, *Step. H.* iii. 182, 1831. *West. & H. M.* ii. 19, t. 60, f. 13, 1843.Var. a. *Geometra glabraria*, *Hüb. Ge. t.* 31, f. 162, 1797.c. BOARMIA, t., *Treit. (S. v. 2, 433, 1825).*

## 4. CLEORA CINCTARIA. The Ringed Carpet. B. M.

*Geometra cinctaria*, *Schiff. (W. V. 101, 1776).**Cleora cinctaria*, *Cur. B. E.* ii. t. 88, 1825. *Step. H.* iii. 183, 1831.*Phalæna-G. pascuaria*, *Brahm, I. K.* ii. 120, 1791.

## 238. PARASCOTIA.

*Parascotia*, *Hüb. V.* 314, 1816.*Boletobia* (Genus Dipt.) *Bois. I. M.* 2 ed. 201, 1840.

## 1. PARASCOTIA FULIGINARIA. The Waved Black. B. M.

*Phalæna-G. fuliginaria*, *Linn. F.* ii. No. 1247, 1761.*Fidonia fuliginaria*, *Step. H.* iii. 149, 1831. *West. & H. M.* ii. 5, t. 57, f. 11, 12, 1843.*Geometra carbonaria*, *Schiff. (W. V. 108, 1776).*♀. *Phalæna lunulata*, \* *Fab. M. I.* ii. 207, 1787.

## 239. TEPHRONIA.

*Tephronia*, *Hüb. V.* 318, 1816.*Mniophila* (Genus Coleopt.) *Bois. I. M.* 2 ed. 200, 1840.

## 1. TEPHRONIA CORTICARIA.\* The Dusky Carpet. B. M.

*Geometra corticaria*, *Schiff. (W. V. 100, 1776).* *Hüb. Ge. t.* 32, f. 167, ♂, 1797.*Boarmia corticaria*, *Dup. L. F.* viii. 388, t. 162, f. 3, ♂, f. 4, ♀, 1829.

## Sub-F. VIII. BOARMIDI.

*Boarmidi*, *Guen. MSS.**Boarmites*, *Dup. C.* 228, 1846.

240. ALCIS.

*Alcis*, *Cur. B. E.* iii. fo. 113, 1825.

*Boarmia*, p., *Treit.* (*S.* v. 2, 433, 1825).

*Boarmia*, *Bois. I. M.* 2 ed. 196, 1840.

a. *DRYOCÆTIS*, t., *Hüb. V.* 316, 1816.

1. ALCIS ROBORARIA. The Greak Oak Beauty. B. M.

*Geometra Roboraria*, *Schiff.* (*W. V.* 101, 1776).

*Alcis Roboraria*, *Step. H.* iii. 187, 1831. *West. & H. M.* ii. 20, t. 60, f. 23, 24, 1843.

*Phalæna-G. leucophearia*, *Vill. E.* ii. 323, 1789.

*Geometra graudaria*, *Haw. (Pr.* 20, 1802).

Var. a. *Geometra piperitaria*, *Haw. MSS.*, var. minor.

2. ALCIS CONSORTARIA. The Pale Oak Beauty. B. M.

*Phalæna consortaria*, *Fab. M. I.* ii. 187, 1787.

*Alcis consortaria*, *Step. H.* iii. 186, 1831. *West. & H. M.* ii. 21, t. 60, f. 28, 29, 1843.

*Phalæna-G. consobrinaria*, *Bork. E. S.* v. 152, 1794.

b. *DEILEPTENIA*, *Hüb. V.* 316, 1816.

3. ALCIS ABIETARIA. The Satin Carpet. B. M.

*Geometra Abietaria*, *Schiff.* (*W. V.* 101, 1776).

*Geometra gemmaria Abietis*, *Esp. S.* v. 217, t. 39, f. 1—6, 1795—98.

*Alcis sericearia*, *Cur. B. E.* iii. t. 113, 1825. *Step. H.* iii. 186, 1831.

4. ALCIS REPANDATA. The Mottled Beauty. B. M.

*Phalæna-G. repandata*, *Linn. S. Nat.* i. 524, 1758.

*Alcis repandata*, *Step. H.* iii. 184, 1831.

*Alcis repandaria*, *West. & H. M.* ii. 19, t. 60, f. 16—20, 1843.

Var. a. *Geometra destrigaria*, *Haw. L. B.* 275, 1810.

*Alcis destrigaria*, *Step. H.* iii. 185, 1831. *Wood, I. E.* t. 19, f. 505.

Var. b. *Geometra conversaria*, *Hüb. Ge.* t. 62, f. 321, 1801. *S.* iii. 185, var. *Hatchett.—Ent. Tr.* i. 328, t. 9, f. 2, 1812.

*Alcis conversaria*, *Step. H.* iii. 185, 1831.

Var. c. *Alcia muraria*, *Cur. B. E.* iii. fo. 113, 1825. *Step. H.* iii. 185, 1831. *Wood, I. E.* t. 19, f. 506.

Var. e. *Alcis subcærulearia*, *Step. MSS., Cat. & B.* 3118, 1830.

5. *ALCIS RHOMBOIDARIA*. The Willow Beauty. B. M.

*Geometra rhomboidaria*, Schiff. (W. V. 101, 1776).

*Alcis rhomboidaria*, Step. H. iii. 187, 1831. West. & H. M. ii. 20, t. 60, f. 25—27, 1843.

*Phalæna*-G. *Ribearia*, Linn. <sup>2</sup> F. ii. No. 1239, 1761.

*Phalæna*-G. *gemmaria*, Brahm. I. K. ii. 255, 1791.

Var. *a*. *Geometra consobrinaria*, Haw. L. B. 276, 1810.

*Alcis consobrinaria*, Step. H. iii. 188, 1831. Wood, I. E. t. 20, f. 512.

Var. *b*. *Alcis australaria*, Cur. B. E. iii. fo. 113, 1825.

Var. *c*. *Geometra Devonaria*, Haw. MSS.

Var. *d*. *Alcis fimbriaria*, Step. H. iii. 188, t. 30, f. 1, 1831.

241. *HEMEROPHILA*.

*Hemerophila*, Step. (Cat. ii. 125, 1829). *Id.* H. iii. 189, 1831. *Synopsia*, p., Hüb. V. 317, 1816.

1. *HEMEROPHILA ABRUPTARIA*. The Waved Umber. B. M.

*Geometra abruptaria*, Thunb. I. S. 59, t. 4, f. 8, 1792.

*Hemerophila abruptaria*, Step. H. iii. 189, 1831.

*Phalæna suberaria*, Don. B. J. 91, t. 251, f. 1, 1798.

*Geometra petrificata*, Hüb. Ge. t. 52, f. 267, 1799.

242. *BOARMIA*.

*Boarmia*, Step. H. iii. 190, 1831.

*Tephrosia*, Bois. I. M. 2 ed. 198, 1840.

*a*. *DEILEPTENIA*, p., Hüb. V. 316, 1816.

1. *BOARMIA EXTERSARIA*. The Brindled White-spot. B. M.

*Geometra extersaria*, Hüb. Ge. t. 30, f. 159, 1797.

*Boarmia extersaria*, Step. H. iii. 192, 1831.

*Tephrosia extersaria*, West. & H. M. ii. 23, t. 61, f. 6, 1843.

*b*. *ECTROPIS*, Hüb. V. 316, 1816.

2. *BOARMIA CONSONARIA*. The Square Spot. B. M.

*Geometra consonaria*, Hüb. Ge. t. 30, f. 157, 1797.

*Geometra tetragonaria*, Haw. MSS.

*Boarmia tetragonaria*, Cur. B. E. vi. t. 280, 1829. Step. H. iii. 190, 1831.

Var. *a*. *Boarmia trigonaria*, Step. (Cat. ii. No. 6504, 1829).

3. BOARMIA CREPUSCULARIA. The Small Engrailed. B. M.

*Geometra crepuscularia*, Schiff. (W. V. 101, 1776).

*Boarmia crepuscularia*, Step. H. iii. 191, 1831.

*Tephrosia crepuscularia*, West. & H. M. ii. 22, t. 61, f. 4, 5, 1843.

*Geometra similaria*, Hüfn.—(Berl. M. iv. 512, 1770).

*Phalæna-G. bistortata*, Goetz. B. iii. 438, 1779.

*Phalæna-G. biundularia*, Vill. E. ii. 337, 1789.

Var. a. *Geometra consonaria*, Haw. L. B. 277, 1810.

*Boarmia consonaria*, Step. H. iii. 192, 1831. Wood, I. E. t. 20, f. 518.

Var. b. *Boarmia strigularia*, Step. H. iii. 192, 1831. Wood, I. E. t. 20, f. 519.

4. BOARMIA LARICARIA. The Engrailed. B. M.

*Boarmia Laricaria*, Doub. (List, 15, 1848).

*Geometra biundularia*, Esp. S. v. 222, t. 40, f. 3, 1795—98.

*Geometra Abietaria?* Haw. L. B. 276, 1810.

*Boarmia Abietaria*, Step. H. iii. 191, 1831.

*Tephrosia Abietaria*, West. & H. M. ii. 22, t. 61, f. 3, t. 60, f. 22, 1843.

c. SELIDOSEMA, Hüb. V. 299, 1816.

5. BOARMIA PUNCTULARIA. The Gray Birch. B. M.

*Geometra punctularia*, Schiff. (W. V. 106, 1776).

*Boarmia punctularia*, Step. H. iii. 103, 1831. Wood, I. E. t. 20, f. 521.

*Geometra tigris*, Walsh.—Naturf. xiii. 31, t. 3, f. a, b, 1793.

Var. ? a. *Geometra punctulata*, Hüb. Ge. t. 105, f. 545, 1813.

Sub-F. IX. GNOPHIDI.

Gnophidi, Guén. MSS.

Gnophites, Dup. C. 226, 1846.

243. CHARISSA.

*Charissa*, Cur. B. E. iii. fo. 105, 1826.

*Catascia*, p., Hüb. V. 313, 1816.

*Elophos*, † Bois. I. M. 2 ed. 199, 1840.



1. *CHARISSA OBFUSCATA*. The Scotch Annulet. B. M.  
*Geometra obfuscata*, *Schiff.* (*W. V.* 108, 1776). *Hüb. Ge. t.*  
 27, f. 142, 1798.  
*Charissa operaria*, *Cur. B. E.* iii. t. 105, 1826. *Step. H.* iii.  
 267, 1831.

## 244. GNOPHOS.

*Gnophos*, *Treit.* (*S. v.* 2, 432, 1825). *Id.* vi. 1, 160, 1827.  
*Scotopteryx*, p., *Hüb. V.* 313, 1816.

1. *GNOPHOS PULLATA*. The Brown Annulet. B. M.  
*Geometra pullata*, *Schiff.* (*W. V.* 108, 1776).  
*Charissa pullata*, *Step. H.* iii. 267, 1831.  
*Geometra dilucidaria*, *Esp. ? S. v. t.* 49. f. 3, 1796.  
*Phalæna 4-pustularia*, *Don. B. I.* xiii. 63, t. 463, 1808.  
 Var. *a.* *Geometra serotinaria*, *Haw. L. B.* 311, 1810.  
*Charissa serotinaria*, *Step. H.* iii. 267, 1831. *Wood, I. E. t.*  
 23, f. 629.

2. *GNOPHOS OBSCURATA*. The Dark Annulet. B. M.  
*Geometra obscurata*, *Schiff.* (*W. V.* 108, 1776).  
*Charissa obscurata*, *Step. H.* iii. 266, 1831.  
*Charissa obscuraria*, *West. & H. M.* ii. 52, t. 67, f. 6, 7, 1843.  
*Geometra lividata*, *Fab. M. I.* ii. 199, 1787.  
*Geometra carbonaria*, *Esp. S. v. t.* 25, f. 3, 7, 1795.  
*Geometra anthracinaria*, *Esp. S. v.* 127, 1796.  
 Var. *a.* *Charissa dilucidaria*, *Step. H.* iii. 267, 1831. *Wood, I. E.*  
 t. 23, f. 627.

## Sub-F. X. CABERIDI.

*Caberidi*, *Guén. MSS.*  
*Caberites*, *Dup. C.* 268, 1846.

## 245. ANAGOGE.

*Anagoge*, *Hüb. V.* 294, 1816.  
*Azinephora*, *Step. (Cat. ii.* 126, 1829).  
*Numeria*, *Dup. L. F.* viii. 107, 1829.

## 1. ANAGOGA PULVERARIA. The Barred Umber. B. M.

*Phalaena-G. pulveraria*, Linn. *S. Nat.* i. 521, 1758.

*Numeria pulveraria*, *Step. H.* iii. 195, 1831. *West & H. M.* ii. 24, t. 61, f. 11, 12, 1843.

## 246. CABERA.

*Cabera*, *Treit.* (*S.* v. 2, 437, 1825). *Id.* vi. 1, 343, 1827.

*Deilinia*, *Hüb.* V. 310, 1816.

*Gabira*, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

## 1. CABERA PUSARIA. The Common White Wave. B. M.

*Phalaena-G. pusaria*, Linn. *S. Nat.* i. 522, 1758.

*Cabera pusaria*, *Step. H.* iii. 196, 1831. *West & H. M.* ii. 24, t. 61, f. 13, 14, 1843.

*Phalaena strigata*, *Scop. C.* No. 541, 1763.

## 2. CABERA ROTUNDARIA. The Round-winged Wave. B. M.

*Geometra rotundaria*, *Haw. L. B.* 289, 1810.

*Cabera rotundaria*, *Step. H.* iii. 196, 1831. *Wood, I. E.* t. 20, f. 525.

*Geometra confinaria*, *Frey. B.* i. 115, t. 60, f. 2, 1833.

## 3. CABERA EXANTHEMATA. The Common Wave. B. M.

*Geometra exanthemata*, *Scop. C.* No. No. 542, 1763.

*Cabera exanthemata*, *Step. H.* iii. 197, 1831. *Wood, I. E.* t. 20, f. 526.

*Geometra striaria*, *Hüb. Ge.* t. 17, f. 87, 1796.

Var. *a.* *Geometra arenosaria*, *Haw. L. B.* 289, 1810.

Var. *b.* *Geometra approximata*, *Haw. (Pr.* 23, 1802). *Id. L. B.* 289, 1810.

## 247. ALEUCIS.

*Aleucis*, *Guén. MSS.*

*Cleora*? *Step. (Cat.* ii. 123, 1829).

*Cidaria*, *Cur. B. E.* x. fo. 447, 1833.

## 1. ALEUCIS PICTARIA. The Gray Carpet. B. M.

*Geometra pictaria*, *Thunb. P. I. S.* 6, t. 1, f. 5, ♂? 1784.

*Cleora*? *pictaria*? *Step. H.* iii. 183, 1831.

*Cidaria pictaria*, *Cur. B. E.* x. t. 447, 1833.

## 248. EPHYRA.

Ephyra, *Dup. L. F.* viii. 108, 1829.Cyclophora, *Step. (Cat. ii.* 127, 1829).a. LEUCOPHTHALMIA, *Hüb. V.* 302, 1816.

## 1. EPHYRA OMICRONARIA. The Mocha.

B. M.

Geometra omicronaria, *Schiff. (W. V.* 107, 1776).Ephyra omicronaria, *Step. H.* iii. 198, 1831. *Wood, I. E. t.* 20, f. 527.Geometra annulata, *Fab. Sp. I.* ii. 249, 1781.

## 2. EPHYRA ORBICULARIA. The Dingy Mocha.

B. M.

Geometra orbicularia, *Hüb. Ge. t.* 12, f. 60, 1796.Ephyra orbicularia, *Step. H.* iii. 198, 1831. *Wood, I. E. t.* 20, f. 529.b. CODONIA, *Hüb. V.* 302, 1816.

## 3. EPHYRA PENDULARIA. The Birch Mocha.

B. M.

Phalæna-G. pendularia, *Linn. F.* ii. No. 1244, 1761.Ephyra pendularia, *Step. H.* iii. 199, 1831. *Wood, I. E. t.* 20, f. 528.Phalæna-G. albipunctata, *Hüfn. — (Berl. M.* iv. 526, 1770).Phalæna-G. pupillaria, *Brahm. I. K.* ii. 385, 1791.Var. a. Geometra circularia, *Fab. E. S. Sup.* 451, 1798.

## 4. EPHYRA PORATA. The False Mocha.

B. M.

Phalæna-G. porata, *Linn. S. Nat.* ii. 866, 1767.Ephyra porata, *Step. H.* iii. 200, 1831. *Wood, I. E. t.* 20, f. 530.Geometra punctaria, *Schiff. (W. V.* 107, 1776).Geometra Hübneraria, *Haw. (Pr.* 24, 1802).Geometra ocellaria, *Haw. L. B.* 312, 1810.

## 5. EPHYRA PUNCTARIA. The Maiden's Blush.

B. M.

Phalæna-G. punctaria, *Linn. S. Nat.* i. 522, 1758.Ephyra punctaria, *Step. H.* iii. 201, 1831. *Wood, I. E. t.* 20, f. 531.Phalæna-G. fultraria, *Vill. P. E.* ii. 330, 1789.Phalæna communifasciata, *Don. B. I.* xiii. 49, t. 456, 1808.Var. a. Geometra subangularia, *Haw. L. B.* 313, 1810.

c. ADACTYLOTIS, p., *Hüb. V.* 304, 1816.

6. EPHYRA-TRILINEARIA. The Clay Triple-lines. B. M.

*Phalæna-G. trilinearia*, *Bork. E. S.* v. 502, 1794.

*Ephyra trilinearia*, *Step. H.* iii. 201, 1831. *Wood, I. E.* t. 20, f. 532.

*Geometra linearia*, *Hüb. Ge.* t. 13, f. 68, 1796.

Sub-F. XI. EPIONIDI.

*Epionidi*, *Step. MSS.*

*Ennomidi*, p., *Dup. C.* 216, 1846.

249. BRADYEPETES.

*Bradyepetes*, *Step. (Cat.* ii. 128, 1829). *Id. H.* iii. 201, 1831.

*Calothyssanis*, p., *Hüb. V.* 301, 1816.

*Timandra*, p., *Dup. L. F.* viii. 105, 1829.

1. BRADYEPETES AMATARIA. The Blood-vein. B. M.

*Phalæna-G. amataria*, *Linn. F.* ii. No. 1223, 1761.

*Bradyepetes amataria*, *Step. H.* iii. 202, 1831. *Wood, I. E.* t. 20, f. 533.

*Phalæna-G. amata*, *Linn. S. Nat.* i. 525, 1758.

*Phalæna-G. vibicaria*, *Hüb. (Berl. M.* iv. 514, 1770).

*Phalæna amatorio*, *Don. B. I.* i. 74, t. 33, f. 1, 1792.

250. EPIONE.

*Epione*, *Dup. L. F.* viii. 105, 1829.

a. EUCHLÆNA, *Hüb. (V.* 293, 1816).

1. EPIONE APICIARIA. The Bordered Beauty.

*Geometra apiciaria*, *Schiff. (W. V.* 104, 1776).

*Epione apiciaria*, *Step. H.* iii. 203, 1831.

*Phalæna-G. marginaria*, *Vill. E.* ii. 303, 1789.

*Phalæna vespertaria*, *Don. B. I.* vii. 47, t. 233, f. 3, 1798.

2. EPIONE VESPERTARIA. The Dark-bordered Beauty. B. M.

*Phalæna-G. vespertaria*, *Linn. S. Nat.* ii. 864, 1767.

*Epione vespertaria*, *Step. H.* iii. 204, t. 28, f. 3, 1831.

*Phalæna*-*G. repandaria*, *Hüfn.*—(*Berl. M.* iv. 508, 1770).

*Geometra parallelaria*, *Schiff.* (*W. V.* 104, 1776).

*Phalæna*-*G. affiniaria*, *Bork. E. S.* v. 136, 1794.

b. *CEPPHIS*, *Hüb. V.* 294, 1816.

3. *EPIONE ADVENARIA*. The Little Thorn. B. M.

*Phalæna*-*G. advenaria*, *Bork. E. S.* iv. 137, 1794.

*Epione advenaria*, *Step. H.* iii. 204, 1831. *Wood, I. E.* t. 20, f. 536.

251. *PLAGODIS*.

*Plagodis*, *Hüb. V.* 294, 1816.

*Eurymene*, *Dup. L. F.* viii. 105, 1829.

1. *PLAGODIS DOLABRARIA*. The Scorched Wing. B. M.

*Phalæna*-*G. dolabraria*, *Linn. S. Nat.* ii. 861, 1767.

*Eurymene dolabraria*, *Step. H.* iii. 205, 1831. *West. & H. M.* ii. 28, t. 62, f. 7, 8, 1843.

*Phalæna*-*G. ustulataria*, *Hüfn.*—(*Berl. M.* iv. 516, 1770).

Sub-F. XII. *ASPILATIDI*.

*Aspilatidi*, *Step. MSS.*

*Aspilatites*, *Dup. C.* 242, 1846.

252. *ASPILATES*.

*Aspilates*, *Treit. S.* vi. 1, 126, 1827.

*Paralella*, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

a. *EUSARCA*, *Hüb. (S. V.)* 40, 1822).

1. *ASPILATES CITRARIA*. The Yellow Belle. B. M.

*Geometra citraria*, *Hüb. Ge.* t. 40, f. 212, 1799.

*Aspilates citraria*, *Step. H.* iii. 208, 1831. *West. & H. M.* ii. 28, t. 62, f. 9, 10, 1843.

*Geometra trifoliaria*, *Haw. (Pr.)* 23, 1802).

2. *ASPILATES GILVARIA*. The Straw Belle. B. M.

*Geometra gilvaria*, *Schiff. (W. V.)* 102, 1776).

*Aspilates gilvaria*, *Step. H.* iii. 208, 1831. *Cur. B. E.* x. t. 467, 1833.

*Geometra 4-punctata*, *Goëz. B.* iii. 388, 1779.

### 253. PERCONIA.

*Perconia*, t., *Hüb. V.* 296, 1816.

*Cabera*, p., *Treit. S.* vi. 1, 348, 1827.

#### 1. PERCONIA STRIGILLARIA. The Grass Wave. B. M.

*Geometra strigillaria*, *Hüb. Beit.* i. 13, t. 2, f. I., 1789.

*Aspilates strigillaria*, *Step. H.* iii. 209, 1831.

Var. a. *Geometra respersaria*, *Hüb. G.* t. 23, f. 125, 1797. *West. & H. M.* ii. 29, t. 62, f. 13, 1843.

Var. b. *Geometra majuscularia*, *Haw. (Pr.* 23, 1802).

Var. c. *Geometra inæquaria*, *Haw. L. B.* 288, 1810.

### 254. ORTHOLITHA.

*Ortholitha*, *Hüb. V.* 338, 1816.

*Phasiane*, *Dup. L. F.* viii. 109, 1829.

#### 1. ORTHOLITHA PLUMBARIA. The Belle. B. M.

*Geometra plumbaria*, *Fab. S. E.* 628, 1775.

*Phasiane plumbaria*, *Step. H.* iii. 209, 1831. *West. & H. M.* ii. 29, t. 62, f. 15, 1843.

*Phalæna-G. luridata*, *Hüfn.*—(*Berl. M.* iv. 526, 1770).

*Geometra palumbaria*, *Schiff. (W. V.* 102, 1776).

Var. a. *Phalæna mucronata*, *Scop. P. C.* No. 552, 1763.

### 255. LOZOGRAMMA.

*Lozogramma*, *Step. (Cat.* ii. 141, 1829). *Id. H.* iii. 258, 1831.

*Lithina*, p., *Hüb. V.* 338, 1816.

#### 1. LOZOGRAMMA PETRARIA. The Brown Silver Line. B. M.

*Geometra petraria*, *Esp. S.* v. (276), t. 49, f. 1, 1796—99.

*Lozogramma petraria*, *Step. H.* iii. 259, 1831. *West. & H. M.* ii. 49, t. 66, f. 14, 1843.

*Phalæna chlorosata*, *Scop. P. C.* No. 551, 1763.

*Phalæna-G. virgaria*, *Bork. P. E. S.* v. 61, 1794.

## 256. MESOGRAMMA.

*Mesogramma*, *Step. MSS.**Mesotype*, p., *Hüb. V.* 338, 1816.

## 1. MESOGRAMMA LINEOLATA. The Oblique Striped. B. M.

*Geometra lineolata*, *Schiff. (W. V.* 102, 1776).*Phibalapteryx*? *lineolata*, *Step. H.* iii. 257, 1831. *West. & H.**M.* ii. 49, t. 66, f. 12, 1843.*Phalæna-G. virgata*, *Hüfn.*—(*Berl. M.* iv. 608, 1770).Var. *a.* *Phibalapteryx virgata*, *Cur. B. E.* xiii. t. 623, 1836.*Phibalapteryx cognata*, *Step. (Cat.* ii. 138, No. 6604, 1829).

## Sub-F. XIII. EUBOLIDI.

*Eubolidi*, *Step. MSS.**Eubolites*, *Dup. C.* 247, 1846.

## 257. CELMA.

*Celma*, *Step. H.* iii. 242, 1831.*Carsia*, p., *Hüb. V.* 336, 1816.*Larissa*, p., *Cur. B. E.* vii. fo. 324, 1830.

## 1. CELMA IMBUTATA. The Manchester Treble-bar. B. M.

*Geometra imbutata*, *Hüb. Ge.* t. 78, f. 403, 1806.*Larissa imbutata*, *Cur. B. E.* vii. t. 324, 1830.*Celma imbutata*, *Step. H.* iii. 142, 1831.

## 258. ANAITIS.

*Anaitis*, *Dup. L. F.* viii. 111, 1829.*Carsia*, p., *Hüb. V.* 336, 1816.

## 1. ANAITIS PLAGIATA. The Slender Treble-bar. B. M.

*Phalæna-G. plagiata*, *Linn. S. Nat.* i. 526, 1758.*Anaitis plagiata*, *Step. H.* iii. 143, 1831. *West. & H. M.* ii.

43, t. 64, f. 25, 1843.

*Phalæna duplicata*, *Fab. S. E.* 63, 6, 1775.Var. *a.* *Anaitis plagiata*, *Wood, I. E.* t. 22, f. 596.

## \*2. ANAÏTIS PRÆFORMATA. The Purple Treble-bar.

*Geometra præformata*, *Hüb. G.* t. 103, f. 532, 533, 1824.

*Anaïtis præformata*, *Step. H.* iii. 244, 1831.

*Larentia Cassiata*, *Treit. S.* vi. 2, 85, 1828.

## 259. EUBOLIA.

*Eubolia*, *Dup. L. F.* viii. 109, 1829.

*Larentia*, p., *Treit. (S. v. 2, 440, 1825).*

*Cymazonita*, *Sodoff.*—(*Bull. S. I. Mosc.* 13, 1837).

a. PLEROOYMIA, t., *Hüb. V.* 330, 1816.

## 1. EUBOLIA CERVINATA. The Mallow Moth.

B. M.

*Geometra cervinata*, *Schiff. (W. V.* 111, 1776).

*Larentia cervinata*, *Step. H.* iii. 211, 1831. *Cur. B. E.* xv. t. 707, 1838.

*Geometra fasciaria*, *Schwar. R. K.* 313, 1791.

*Geometra clavaria*, *Haw. L. B.* 302, 1810.

b. MESOTYPE, p., *Hüb. V.* 338, 1816.

[B. M.]

## 2. EUBOLIA MENSURARIA. The Small Mallow, or Aurelian's Plague.

*Geometra mensuraria*, *Schiff. (W. V.* 111, 1776).

*Geometra Chenopodiaria*, *Esp. S.* v. (246), t. 44, f. 6—8, 1795—98.

*Geometra Chenopodiata*, *Haw. L. B.* 302, 1810.

*Larentia Chenopodiata*, *Step. H.* iii. 211, 1831.

*Larentia Chenopodiaria*, *West. & H. M.* ii. 30, t. 62, f. 17, 22; 1843.

*Phalæna limitata*, *Scop. P. C.* No. 568, 1763.

## 3. EUBOLIA MÆNIATA.

*Phalæna mæniata*, *Scop. C.* No. 561, 1763.

*Cidaria mæniaria*, *Treit. S.* vi. 2, 173, 1828.

*Eubolia mæniaria*, *Dup. L. F.* viii. 1, 164, pl. 182, f. 6, 1829.

*Eubolia mæniata*, *Staint. Ent. Ann.* 1855, p. 42, front f. 3.

## 260. EUSEBIA.

*Eusebia*, *Dup. C.* 249, 1846.

*Entephria*, p., *Hüb. V.* 332, 1816.



## 1. EUSEBIA BIPUNCTARIA. The Chalk Carpet. B. M.

*Geometra bipunctaria*, Schiff. (W. V. 111, 1776).*Larentia bipunctaria*, Step. H. iii. 212, 1831. West. & H. M. ii. 30, t. 62, f. 18, 1843.*Phalæna undulata*, Scop. ? (C. No. 555, 1763).

## 261. ERINOBIA.

*Erinobia*, Step. MSS.

## 1. ERINOBIA MULTISTRIGARIA. The Mottled Gray. B. M.

*Geometra multistrigaria*, Haw. L. B. 306, 1810.*Larentia*? *multistrigaria*, Step. H. iii. 212, 1831. West. & H. M. ii. 31, t. 62, f. 20, 1843.*Eubolia occultaria*, Bois. MSS. ?

## 262. VENUSIA.

*Venusia*, Cur. B. E. xvi. fo. 759, 1839.

## 1. VENUSIA CAMBRICA. The Welsh Wave.

*Venusia cambrica*, Cur. B. E. xvi. t. 759, 1839.*Eubolia erutaria*, Bois. I. M. 2 ed. 203, 1840.

## 263. COREMIA.

*Coremia*, Guén.—Dup. C. 249, 1846.*Cidaria*, p., Treit. (S. v. 2, 442, 1825).*Zerynthia*, Cur. B. E. vii. fo. 296, 1830.*Zonodonta*, Sodoff.—(Bull. S. I. Mosc. 18, 1837).

a. TEPHRONIA, p., Hüb. V. 317, 1816.

## 1. COREMIA DIDYMATA. The Twin-spot Carpet. B. M.

*Phalæna*-G. *didymata*, Linn. S. Nat. i. 528, 1758.*Cidaria didymata*, Step. H. iii. 214, 1831. West. & H. M. ii. 33, t. 63, f. 1, 1843.*Geometra scabrata*, Hüb. Ge. t. 44, f. 229, 1798.

b. MALENYDRIS, Hüb. V. 329, 1816.

## 2. COREMIA SALICATA. The Striped Twin-spot Carpet.

*Geometra Salicata*, Schiff. (W. V. 109, 1776).

*Cidaria Salicata*, *Step. H.* iii. 217, 1831.

*Geometra Salicaria*, *Hüb. Ge.* t. 53, f. 273, 1799. *Wood, I. E.* t. 21, f. 554.

Var. a. *Zerynthia latentaria*, *Cur. B. E.* vii. t. 296, 1830.

*Cidaria latentaria*, *Step. H.* iii. 217, 1831.

c. *OCHYRIA*, *Hüb. V.* 334, 1816.

3. *COREMIA FERRUGATA*. The Red Twin-spot Carpet. B. M.

*Phalæna-G. ferrugata*, *Linn. F.* ii. No. 1292, 1761.

*Cidaria ferrugata*, *Step. H.* iii. 216, 1831. *Wood, I. E.* t. 1, f. 553.

*Phalæna-G. corculata*, *Hüfn.*—(*Berl. M.* iv. 616, 1770).

*Geometra Alchemillata*, *Esp. S.* v. t. 40, f. 5, 6, 1795.

Var. a. *Phalæna-G. Linariaria*, *Bork. E. S.* v. 381, 1794.

Var. b. *Phalæna-G. spadicearia*, *Bork. E. S.* v. 389, 1794.

Var. c. *Geometra Salicaria*, *Haw. L. B.* 309, 1810.

[B. M.]

4. *COREMIA UNIDENTARIA*. The Dark-barred Twin-spot Carpet.

*Geometra unidentaria*, *Haw. (Pr.* 23, 1802). *Id. L. B.* 308, 1810.

*Cidaria unidentaria*, *Step. H.* iii. 215, 1831. *Wood, I. E.* t. 21, f. 551.

*Geometra quadrifasciaria*, *Hüb. Ge.* t. 55, f. 284? 1799.

*Eubolia ferrugaria*, var., *Bois. MSS.*?

5. *COREMIA LIGUSTRATA*. The Large Twin-spot Carpet. B. M.

*Geometra Ligustrata*, *Hüb. Ge.* t. 55, f. 282, 1799.

*Phalæna-G. quadrifasciaria*, *Linn. F.* ii. No. 1253, 1761.

*Cidaria quadrifasciaria*, *Step. H.* iii. 215, 1831. *Wood, I. E.* t. 11, f. 552.

d. *PLEMMYRA*, p., *Hüb. V.* 327, 1816.

6. *COREMIA FLUCTUATA*. The Garden Carpet. B. M.

*Phalæna-G. fluctuata*, *Linn. S. Nat.* i. 527, 1768.

*Cidaria fluctuata*, *Step. H.* iii. 219, 1831. *West. & H. M.* ii. 34, t. 63, f. 12, 13, 1843.

Var. a. *Phalæna costovata*, *Haw. (Pr.* 25, 1802). *Id. L. B.* 334, 1810.

Var. b. *Coremia integrata*, *Step. MSS.*

e. *XANTHORHÆ*, p., *Hüb. V.* 327, 1816.

7. *COREMIA MONTANATA*. The Silver Ground Carpet. B. M.

*Geometra montanata*, *Schiff.* (*W. V.* 113, 1776).

*Cidaria montanata*, *Step. H.* iii. 279, 1831. *West. & H. M.* ii. 34, t. 63, f. 11, 1843.

*Phalæna-G. implicata*, *Vill. E.* ii. 386, t. 6, f. 21, 1789.

f. *AMÆBE*, *Hüb. V.* 333, 1816.

8. *COREMIA OLIVATA*. The Beech-green Carpet. B. M.

*Geometra olivata*, *Schiff.* (*W. V.* 112, 1776).

*Cidaria olivata*, *Step. H.* iii. 218, 1831. *Wood, I. E.* t. 21, f. 557.

♂. *Geometra alboviridaria*, *Haw.* (*Pr.* 23, 1802).

♀. *Phalæna alboviridata*, *Haw.* (*Pr.* 26, 1802).

9. *COREMIA MIARIA*. The Green Carpet. B. M.

*Geometra miaria*, *Schiff.* (*W. V.* 113, 1776).

*Cidaria miaria*, *Step. H.* iii. 218, 1831. *Wood, I. E.* t. 21, f. 556.

*Phalæna-G. rectangulata*, *Hüfn.*—(*Berl. M.* iv. 606, 1770).

*Phalæna viridata*, *Fab. S. E.* 626, 1775.

*Geometra pectinitaria*, *Fuesl. M.* i. 218, 1782.

*Phalæna pectinitaria*, *Don. B. I.* xiv. 33, t. 479, f. 1, 1810.

g. *CIDARIA*, *Treit.* (*S.* v. 2, 442, 1825).

*Ochyria*, p., *Hüb. V.* 334, 1816.

10. *COREMIA PROPUGNATA*. The Flame Carpet. B. M.

*Geometra propugnata*, *Schiff.* (*W. V.* 112, 1776).

*Cidaria propugnata*, *Step. H.* iii. 220, 1831. *Wood, I. E.* t. 21, f. 560.

*Phalæna-G. designata*, *Hüfn.*—(*Berl. M.* iv. 612, 1770).

*Phalæna lynceata*, *Don. B. I.* x. 65, t. 349, f. 3, 1801.

h. *OCHYRIA*, p., *Hüb. V.* 334, 1816.

11. *COREMIA MUNITATA*. The Red Carpet. B. M.

*Geometra munitata*, *Hüb. Ge.* t. 66, f. 346, 1801.

*Cidaria munitata*, *Step. H.* iii. 215, 1831. *Wood, I. E.* t. 21, f. 550.

## Sub-F. XIV. CIDARIDI.

Cidaridi, *Step. MSS.*Cidarites, *Dup. C.* 251, 1846.

## 264. ELECTRA.

*Electra*, *Step. (Cat. ii.* 135, 1829). *Id. H.* iii. 238, 1831.a. PELURGA, *Hüb. V.* 334, 1816.

1. ELECTRA SAGITTATA.\* The Marsh Carpet. B. M.

*Phalæna Sagittata*, *Fab. M.* ii. 210, 1787.*Geometra comitata*, *Hüb. Ge. t.* 60, f. 310, 1800.

2. ELECTRA CHENOPODIATA. The Dark Spinach Moth. B. M.

*Phalæna-G. Chenopodiata*, *Linn. ? F.* ii. No. 1263, 1761.*Geometra Chenopodiata*, *Hüb. Ge. t.* 58, f. 299, 1800.*Phalæna-G. comitata*, *Linn. Mus.**Electra comitata*, *Step. H.* iii. 239, 1831. *West. & H. M.* ii. 42, t. 64, f. 18, 1843.b. LYGRIS, *Hüb. V.* 335, 1816.

3. ELECTRA POPULATA. The Northern Spinach Moth. B. M.

*Phalæna-G. Populata*, *Linn. ? S. Nat.* i. 525, 1758.*Electra Populata*, *Step. H.* iii. 239, 1831. *West. & H. M.* ii. 42, t. 64, f. 19, 20, 1843.*Phalæna-G. dotata*, *Linn. Mus.**Phalæna cuspidata*, *Stew. E.* ii. 164, 1802.

4. ELECTRA ACHATINATA. The Broad Chiverned Moth. B. M.

*Geometra Achatinata*, *Hüb. Ge. t.* 58, f. 301, ♂; t. 79, f. 408, ♀, 1800—7.*Electra Achatinata*, *Step. H.* iii. 241, 1831. *Wood, I. E. t.* 22, f. 593, ♀.*Phalæna-G. testata*, *Linn. ? F.* ii. No. 1262, 1761.*Electra testata*, *Step. H.* iii. 240, ♂, 1831. *Wood, I. E. t.* 22, f. 592, ♂.

## 5. ELECTRA PYRALIATA. The Barred Straw. B. M.

*Geometra Pyraliata*, (Schiff. (W. V. 117, 1776).

*Electra Pyraliata*, *Step. H.* iii. 241, 1831. *Wood, I. E.* t. 22, f. 594.

*Phalæna-G. Populata*, *Clerck, Ic.* 5, f. 13, 14, 1758.

c. EUPHYIA, *Hüb. V.* 336, 1816.

## 6. ELECTRA MARMORATA. The Spinach. B. M.

*Geometra marmorata*, *Hüb. Ge.* t. 54, f. 279, 1709.

*Phalæna Spinachiata*, *Haw. (Pr.* 26, 1802). *Id. L. B.* 341, 1810.

*Electra Spinachiata*, *Step. H.* iii. 240, 1831. *West. & H. M.* ii. 42, t. 64, f. 21, 1843.

*Phalæna-G. dotata*, *Clerck, Ic.* 5, f. 15, 1758.

## 265. HARPALYCE.

*Harpalyce*, *Step. (Cat.* ii. 131, 1829). *Id. H.* iii. 220, 1831.

a. EUPHYIA, p., *Hüb. V.* 336, 1816.

## 1. HARPALYCE FULVATA. The Clouded Yellow. B. M.

*Phalæna-G. fulvata*, *Forst. Cent.* 76, 1771.—(Schiff. *W. V.* 112, 1776).

*Harpalyce fulvata*, *Step. H.* iii. 221, 1831. *Wood, I. E.* t. 21, f. 561.

*Phalæna sociata*, *Fab. S. E.* 637, 1775.

b. COSMORHOE, *Hüb. V.* 326, 1816.

## 2. HARPALYCE OCELLATA. The Purple Bar. B. M.

*Phalæna-G. ocellata*, *Linn. S. Nat.* i. 527, 1758.

*Harpalyce ocellata*, *Step. H.* iii. 222, 1831. *Wood, I. E.* t. 21, f. 562.

*Phalæna fasciata*, *Scop. C.* No. 550, 1763.

*Phalæna-G. tridentata*, *Hüfn.*—(Berl. *M.* iv. 618, 1770).

*Phalæna lyncea*, *Fab. S. E.* 635, 1775.

c. XANTHORHOE, p., *Hüb. V.* 327, 1816.

## 3. HARPALYCE GALIATA. The Galium Carpet. B. M.

*Geometra Galiata*, *Schiff. (W. V.* 113, 1776).

*Harpalyce Galiata*, *Step. H.* iii. 222, 1831. *Wood, I. E.* t. 21, f. 563.

Var. *a.* *Geometra chalybeata*, *Hüb. Ge.* t. 67, f. 350, 1802.

Var. *b.* *Phalæna unilobata*, *Haw. L. B.* 331, 1810.

*Harpalyce unilobata*, *Step. H.* iii. 223, 1831. *Wood, I. E.* t. 21, f. 564.

Var. *c.* *Phalæna 4-annulata*, *Haw. L. B.* 331, 1810.

*Harpalyce 4-annulata*, *Step. H.* iii. 223, 1831. *Wood, I. E.* t. 21, f. 565.

d. *EUPHYIA*, p., *Hüb. V.* 326, 1816.

4. *HARPALYCE PICATA*. The Short Cloak Carpet. B. M.

*Geometra picata*, *Hüb. Ge.* t. 84, f. 435, 1809.

*Phalæna biangulata*, *Haw. (Pr. 26, 1802).* *Id. L. B.* 326, 1810.

*Harpalyce biangulata*, *Step. H.* iii. 225, 1831. *Wood, I. E.* t. 21, f. 570.

e. *AMOEBE*, p., *Hüb. V.* 333, 1816.

*Electra*, p., *Cur. B. E.* xiii. fo. 603, 1836.

5. *HARPALYCE CORYLATA*. The Broken-barred Carpet. B. M.

*Geometra Corylata*, *Thunb. I. S.* 61, t. 4, fig. 1792.

*Harpalyce Corylata*, *Step. H.* iii. 227, 1831. *Wood, I. E.* t. 21, f. 572.

Var. *a.* *Geometra ruptata*, *Hüb. Ge.* t. 57, f. 295, 1799.

*Phalæna interruptata*, *Haw. (Pr. 26, 1802).*

Var. *b.* *Electra albocrenata*, *Cur. B. E.* xiii. t. 603, 1836.

Var. *c.* *Harpalyce atrofasciata*, *Step. MSS.*

f. *EUSTROMA*, p., *Hüb. V.* 335, 1816.

6. *HARPALYCE SILACEATA*. The Small Phoenix Moth. B. M.

*Geometra Silaceata*, *Schiff. (W. V.* 113, 1776).

*Harpalyce Silaceata*, *Step. H.* iii. 226, 1831. *Wood, I. E.* t. 21, f. 571.

♂. *Phalæna insulata*, *Haw. (Pr. 26, 1802).* *Id. L. B.* 330, 1810.

♀. *Phalæna cuneata*, *Don. B. I.* xiv. 51, t. 487, f. 2, 1810.

## 266. STEGANOLOPHIA.

*Steganolophia*, *Step. (Cat. ii.* 135, 1829). *Id. H.* iii. 232, 1831.

a. EUSTROMA, p., *Hüb. V.* 355, 1816.

## 1. STEGANOLOPHIA PRUNATA. The Phoenix. B. M.

*Phalæna Prunata*, *Linn. S. Nat.* i. 526, 1758.

*Steganolophia Prunata*, *Step. H.* iii. 232, 1831. *West. & H.*  
*M.* ii. 90, t. 64, f. 4—6, 1843.

*Cidaria Ribesiaria*, *Bois. (I. M.* 2 ed 214, 1840).

## 267. LAMPROPTERYX.

*Lampropteryx*, *Step. H.* iii. 233, 1831.

a. EUSTROMA, p., *Hüb. V.* 335, 1816.

## 1. LAMPROPTERYX SUFFUMATA. The Water Carpet. B. M.

*Geometra suffumata*, *Schiff. (W. V.* 316, 1776).

*Lampropteryx suffumata*, *Step. H.* iii. 124, 1831. *Wood, I. E.*  
 t. 21, f. 582.

*Phalæna insititiata*, *Haw. (Pr.* 25, 1802).

Var. a. *Lampropteryx piceata*, *Step. H.* iii. 234, 1831. *Wood, I. E.*  
 t. 22, f. 583.

b. AMOEBE, p., *Hüb. V.* 333, 1816.

## 2. LAMPROPTERYX BADIATA. The Shoulder Stripe. B. M.

*Geometra badiata*, *Schiff. (W. V.* 111, 1776).

*Lampropteryx badiata*, *Step. H.* iii. 235, 1831. *Wood, I. E.*  
 t. 22, f. 584.

*Phalæna berberata*, *Don. B. I.* xiv. 65, t. 493, f. 1, 1810.

## 268. ANTICLEA.

*Anticlea*, *Step. H.* iii. 236, 1831.

*Amæbe*, p., *Hüb. V.* 333, 1816.

*Cidaria*, p., *Cur. (G.* 163, 1831).

## 1. ANTICLEA BERBERATA. The Barbary Carpet. B. M.

*Geometra Berberata*, *Schiff. (W. V.* 113, 1776).

*Anticlea Berberata*, *Step. H.* iii. 235, 1831. *Wood, I. E.* t.  
 22, f. 585.

## 2. ANTICLEA RUBIDATA. The Flame. B. M.

*Geometra rubidata*, Schiff. (W. V. 113, 1776).

*Anticlea rubidata*, Step. H. iii. 236, 1831. Wood, I. E. t. 22, f. 586.

## 3. ANTICLEA DERIVATA. The Streamer. B. M.

*Geometra derivata*, Schiff. (W. V. 113, 1776).

*Anticlea derivata*, Step. H. iii. 237, 1831. Wood, I. E. t. 22, f. 587.

*Phalæna nigrofasciaria*, Goetz. B. iii. 438, 1780.

*Phalæna-G. violacea-nigrostriata*, Vill. E. ii. 613, 1789.

*Phalæna fimbriata*, Fab. ? E. S. iii. 2, 187, 1794.

## 4. ANTICLEA SINUATA. The Royal Mantle. B. M.

*Geometra sinuata*, Schiff. (W. V. 114, 1776).

*Anticlea sinuata*, Step. H. iii. 237, 1831. Wood, I. E. t. 22, f. 587.

*Phalæna regalata*, Haw. (Pr. 25, 1802).

## 269. APLOCERA.

*Aplocera*, Step. (Cat. ii. 141, 1829). Id. H. iii. 295, 1831.

## a. GLAUOPTERYX, Hüb. V. 332, 1816.

## 1. APLOCERA CÆSIATA. The February Carpet. B. M.

*Geometra cæsiata*, Schiff. (W. V. 112, 1776).

*Aplocera cæsiata*, Step. H. iii. 295, 1831. Wood, I. E. t. 25, f. 690.

Var. a. *Phalæna infrequentata*, Haw. L. B. 330, 1810.

## b. ENTEPHRIA, Hüb. V. 332, 1816.

## 2. APLOCERA FLAVICINCTATA. The Yellow-ringed Carpet. B. M.

*Geometra flavicinctata*, Hüb. Ge. t. 68, f. 354, 1802.

*Aplocera flavicinctata*, Step. H. iii. 296, t. 30, f. 3, 1832.

## 270. CHLOROCLYSTA.

*Chloroclysta*, Hüb. V. 332, 1816.

*Euthalia*, Step. H. iii. 252, 1831.

*Ypsipetes*, p., Step. (Cat. ii. 138, 1829).



## 1. CHLOROCLYSTA MIATA. The Autumn Green Carpet. B. M.

*Phalæna*-*G. miata*, *Linn. S. Nat.* i. 526, 1758.

*Phalæna miata*, *Don. B. I.* xiv. 33, t. 479, f. 3, 1810.

*Euthalia miata*, *Step. H.* iii. 253, 1831.

*Phalæna luctuata*, *Fab. M. I.* ii. 209, 1787.

*Geometra coraciata*, *Hüb. Ge.* t. 54, f. 278, 1799.

## 2. CHLOROCLYSTA PSITTACATA. The Red-green Carpet. B. M.

*Geometra Psittacata*, *Schiff. (W. V.)* 112, 1776.

*Euthalia Psittacata*, *Step. H.* iii. 253, 1831. *Wood, I. E.* t. 22, f. 609.

*Phalæna*-*G. Siterata*, *Hüb. — (Berl. M.)* iv. 522, 1770.

*Phalæna rubroviridata*, *Marsh. MSS. Don. B. I.* xiv. 47, t. 485, f. 3, 1810.

## 271. HYDRIOMENA.

*Hydriomena*, *Hüb. V.* 322, 1816.

*Ypsipetes*, *Step. (Cat.)* ii. 138, 1829.

## 1. HYDRIOMENA IMPLUVIATA. The May Highflyer. B. M.

*Geometra impluviata*, *Schiff. (W. V.)* 109, 1776.

*Ypsipetes impluviata*, *Step. H.* iii. 254, 1831. *Wood, I. E.* t. 22, f. 610.

*Geometra trifasciata*, *Thunb. I. S.* 13, 1784.

*Phalæna literata*, *Don. B. I.* xiv. 80, t. 499, f. 2, 1810.

## 2. HYDRIOMENA ELUTATA. The July Highflyer. B. M.

*Geometra elutata*, *Schiff. (W. V.)* 109, 1776. *Hüb. Ge.* t. 74, f. 381—385, 1806.

*Ypsipetes elutata*, *Step. H.* iii. 254, 1831. *Wood, I. E.* t. 22, f. 611.

*Phalæna*-*G. virgata*, *Vill. E.* ii. 379, 1789.

Var. *a.* *Phalæna fusco-undata*, *Don. B. I.* xii. 73, t. 386, f. 3, 1807.

Var. *b.* *Phalæna horridaria*, *Haw. (Pr.)* 24, 1802.

## 3. HYDRIOMENA RUBERATA. The Marsh Highflyer. B. M.

*Geometra ruberata*, *Frey. N. B.* i. 67, t. 36, f. 2, 1834.

*Hydriomena impluviata*, p., *Step. Mus. Cat.* 195.

## 272. POLYPHASIA.

*Polyphasia*, *Step. H.* iii. 227, 1831.

*Dysstroma*, t., *Hüb. V.* 333, 1816.

## 1. POLYPHASIA RUSSATA. The Marbled Carpet. B. M.

*Geometra russata*, Schiff. (W. V. 113, 1779).*Phalæna centumnotata*, Fab. M. I. ii. 207, 1787.*Polyphasia centumnotata*, Step. H. iii. 230, 1831. Wood, I. E. t. 21, f. 578.*Phalæna-G. truncata*, Hüfn.—(Berl. M. iv. 602, 1770).Var. a. *Phalæna commanotata*, Haw. L. B. 325, 1810.*Polyphasia commanotata*, Step. H. iii. 230, 1831. Wood, I. E. t. 21, f. 577.Var. b. *Polyphasia saturata*, Step. H. iii. 231, 1831. Wood, I. E. t. 21, f. 579.Var. c. *Phalæna perfusca*, Haw. L. B. 325, 1810. Wood, I. E. t. 21, f. 580.*Geometra russata*, Hüb. Ge. t. 86, f. 445, 1807.Var. d. *Electra boreata*, Cur. (G. 163, 1831).Var. e. *Polyphasia concinnata*, Step. H. iii. 229, 1831. Wood, I. E. t. 21, f. 576.

## 2. POLYPHASIA IMMANATA. The Dark-marbled Carpet. B. M.

*Phalæna immanata*, Marsh. MSS.—Haw. L. B. 323, 1810.*Polyphasia immanata*, Step. H. iii. 228, 1831. Wood, I. E. t. 21, f. 573.Var. a. *Polyphasia amœnata*, Step. H. iii. 228, 1831. Wood, I. E. t. 21, f. 574.*Geometra Passeraria*, Frey. N. B. vi. 10, t. 486, f. 3, 1846.Var. b. *Phalæna marmorata*, Haw. L. B. 324, 1810. Wood, I. E. t. 21, f. 575.

## 273. THERA.

*Thera*, Step. H. iii. 271, 1831.*Dysstroma*, p., Hüb. V. 333, 1816.

## 1. THERA JUNIPERATA. The Juniper Carpet. B. M.

*Phalæna-G. Juniperata*, Linn. S. Nat. i. 527, 1758.*Thera Juniperata*, Step. H. iii. 272, t. 31, f. 2, 1831.

## 2. THERA VARIATA. The Gray Carpet. B. M.

*Geometra variata*, Schiff. (W. V. 110, 1776).*Thera coniferata*, Cur. B. E. xi. t. 519, 1834. Step. H. iv. 392, 1835.Var. a. *Geometra variata*, Hüb. Ge. t. 73, f. 380, 1805.

## 3. THERA SIMULATA. The Shaded Broad-bar. B. M.

*Geometra simulata*, Hüb. *Ge.* t. 66, f. 345, 1801.

*Phalæna variata*, Hatchett.—*Ent. Tr.* i. 245, t. 7, f. 1, 1812.

*Thera variata*, *Step. H.* iii. 272, 1831.

*Phalæna Juniperata*, Haw. (*Pr.* 26, 1802).

Var. *a.* *Phalæna tristrigata*, Don. *B. I.* xiii. 60, t. 461, f. 2, 1808.

*Phalæna munitata*, Haw. *L. B.* 328, 1810.

Var. *b.* *Thera fulvata*, *Step. H.* iii. 272, 1831. *Wood, I. E.* t. 23, f. 636.

## 4. THERA? FIRMARIA. The Pine Carpet. B. M.

*Geometra firmaria*, Hüb. *Ge.* t. 100, f. 415, 1816.

*Thera simulata*, *Step. H.* iii. 271, 1831. *Wood, I. E.* t. 23, f. 634.

## 274. CHEIMATOBIA.

*Cheimatobia*, *Step. (Cat.* ii. 142, 1829). *Id. H.* iii. 274, 1831.

## a. THERIA, Hüb. V. 321, 1816.

## 1. CHEIMATOBIA RUPICAPRARIA. The Early Moth. B. M.

*Geometra rupicaprarica*, Schiff. (*W.* V. 105, 1776).

*Cheimatobia rupicaprarica*, *Step. H.* iii. 275, 1831. *Wood, I. E.* t. 23, f. 641a, ♂, f. 641n, ♀.

*Geometra primaria*, Marsh. *MSS.*—Haw. *L. B.* 305, 1810.

## b. OPEROPHTERA, Hüb. V. 321, 1816.

## 2. CHEIMATOBIA BRUMATA. The Winter Moth. B. M.

*Phalæna-G. brumata*, Linn. *S. Nat.* i. 529, 1758.

*Cheimatobia brumata*, *Step. H.* iii. 274, 1831. *Wood, I. E.* t. 23, f. 640a, ♂, f. 640n, ♀.

*Phalæna-G. hyemata*, Hüfn.—(*Berl. M.* iv. 612, 1770).

*Cheimatobia vulgaris*, *Step. (Cat.* ii. 142, 1829).

## 3. CHEIMATOBIA BOREATA.\* The Northern Winter Moth. B. M.

*Geometra boreata*, Hüb. *Ge.* t. 80, f. 413, ♂; f. 414, ♀, 1806.

## 275. OPORABIA.

*Oporabia*, *Step. H.* iii. 273, 1831.

*Oporinia*, p., Hüb. V. 322, 1816.

1. *OPORABIA DILUTATA*. The November Moth. B. M.  
*Geometra dilutata*, Schiff. (*W. V.* 109, 1776).  
*Oporabia dilutata*, Step. *H.* iii. 273, 1831. *West. & H. M.* ii. 56, t. 68, f. 7, 8, 1843.  
 Var. a. *Phalæna-G. 4-fasciata*, Bork. *E. S.* v. 294, 1794.  
 Var. b. *Phalæna-G. affinitata*, Bork. *E. S.* v. 294, 1794.  
 Var. c. *Phalæna omicrata*, Haw. (*Pr.* 25, 1802).  
*Phalæna inscriptata*, Don. *B. I.* xv. 25, t. 517, 1811.  
 Var. d. *Phalæna fimbriata*, Haw. *L. B.* 320, 1810.
2. *OPORABIA NEGLECTATA*. The Neglected November Moth. B. M.  
*Oporabia neglectata*, Step. *MSS.* (Var. præc.?).
3. *OPORABIA AUTUMNARIA*. The Autumnal Moth. B. M.  
*Larentia autumnaria*, Bois. *MSS.* ?—*Doub.* (*List*, 18, 1850).  
*Oporabia polata*, West. & *H. M.* ii. 56, t. 68, f. 9, 1843.
4. *OPORABIA FILIGRAMMARIA*. The Small Autumnal Moth. B. M.  
*Larentia filigrammaria*, Bois. *MSS.* ?—*H.-Schaff.* *S.* iv. 160, t. 32, f. 194—5, 1846. *Doub.* (*List*, 18, 1850).

## 276. ACASIS.

*Acasis*, Dup. *C.* 256, 1846.  
*Trichopteryx*, p., Hüb. *V.* 323, 1816.

1. *ACASIS VIRETATA*. The Brindle-barred Yellow. B. M.  
*Geometra viretata*, Hüb. *Ge.* t. 44, f. 230, 1799.  
*Lobophora viretata*, Step. *H.* iii. 278, 1831. *Wood, I. E.* t. 23, f. 646.  
*Phalæna trinotata*, Don. *B. I.* xiv. 79, t. 499, f. 1, 1810.

## 277. LOBOPHORA.

*Lobophora*, Step. *MSS.*—*Cur. B. E.* ii. fo. 81, 1825.  
*Amathia*, Dup. *L. F.* viii. 112, 1829.

## a. LOBOPHORA.

*Oporinia*, p., Hüb. *V.* 822, 1816.

1. *LOBOPHORA POLYCOMMATA*. The Barred Tooth-striped. B. M.  
*Geometra polycommata*, Schiff. (*W. V.* 109, 1776).

*Lobophora polycommata*, *Cur. B. E.* ii. t. 81, 1825. *Step. H.* iii. 276, 1831.

b. *TRICHOPTERYX*, p., *Hüb. V.* 323, 1816.

2. *LOBOPHORA LOBULATA*. The Early Tooth-striped. B. M.

*Geometra lobulata*, *Hüb. Ge.* t. 70, f. 362, 1804?

*Lobophora lobulata*, *Wood, I. E.* t. 23, f. 644—6.

♂. *Phalæna dentistrigata*, *Haw. L. B.* 320, 1810.

*Lobophora lobulata*, *Step. H.* iii. 277, 1831. *Wood, I. E.* t. 23, f. 643.

♀. *Phalæna costæstrigata*, *Haw. L. B.* 319, 1810.

*Lobophora costæstrigata*, *Step. H.* iii. 277, 1831. *Wood, I. E.* t. 23, f. 644.

Var. a. *Lobophora rupestrata*, *Step. H.* iii. 277, 1831. *Wood, I. E.* t. 23, f. 645.

c. *PTERAPHERAPTERYX*, *Leach, MSS.*

3. *LOBOPHORA HEXAPTERATA*. The Seraphim. B. M.

*Geometra hexapterata*, *Schiff. (W. V.* 109, 1776).

*Lobophora hexapterata*, *Step. H.* iii. 278, 1831. *Wood, I. E.* t. 23, f. 647, ♂.

*Phalæna-G. halterata*, *Hüfn.—(Berl. M.* iv. 608, 1770).

♀. *Geometra zonata*, *Thunb. ? I. S.* 60, t. 4, f. 7, 1792.

4. *LOBOPHORA SEXALISATA*. The Small Seraphim. B. M.

*Geometra sexalisata*, *Hüb. Beit.* i. 17, t. 2, f. L, 1789.

*Lobophora sexalisata*, *Step. H.* iii. 278, 1831. *Wood, I. E.* t. 23, f. 648, ♂.

*Phalæna-G. sexalata*, *Bork. E. S.* v. 304, 1794.

*Geometra sezalata*, *Hüb. Ge.* t. 44, f. 222, ♂, 1798.

278. *EUPITHECIA*.

*Eupithecia*, *Cur. B. E.* ii. fo. 64, 1825.

a. *EUCYMATOGE*, *Hüb. V.* 325, 1816.

1. *EUPITHECIA TOGATA*. The Cloaked Pug. B. M.

*Geometra togata*, *Hüb. Ge.* t. 90, f. 464, 1810?

*Eupithecia togata*, *Newm.—Zool.* iii. 1086, t. adj. 1845.

2. *EUPITHECIA LINARIATA*. The Beautiful Pug. B. M.  
*Geometra Linariata*, Schiff. (*W. V.* 118, 1776).  
*Eupithecia Linariata*, Cur. B. E. ii. t. 64, 1825. *Step. H.* iii.  
 279, 1831.

3. *EUPITHECIA PULCHELLATA*. The Red Pug. B. M.  
*Eupithecia pulchellata*, *Step. (Cat. ii. No. 6643, 1829). Id. H.*  
 iii. 279, 1831. *Wood, I. E.* t. 23, f. 650.  
*Eupithecia Antirrhinaria*, Bois. MSS.

b. *CHLOROCYSTIS*, Hüb. V. 323, 1816.

4. *EUPITHECIA RECTANGULATA*. The Green Pug. B. M.  
*Phalæna-G. rectangulata*, Linn. *S. Nat.* i. 528, 1758.  
*Eupithecia rectangulata*, *Step. H.* iii. 280, 1831. *Wood, I. E.*  
 t. 23, f. 651.  
*Phalæna-G. viridulata*, Hüfn.—(*Berl. M.* iv. 524, 1770).  
 Var. a. *Phalæna sericeata*, Haw. *L. B.* 363, 1810.  
 Var. b. *Phalæna nigrosericeata*, Haw. *L. B.* 363, 1810.  
*Eupithecia nigrosericeata*, *Step. H.* iii. 281, 1831. *Wood, I.*  
*E.* t. 24, f. 654.  
 Var. c. *Eupithecia subærata*, *Step. H.* iii. 280, 1831. *Wood, I. E.*  
 t. 23, f. 652.

5. *EUPITHECIA CORONATA*. The V Pug. B. M.  
*Geometra coronata*, Hüb. *Ge.* t. 72, f. 372—73, 1804.  
*Phalæna V-ata*, Haw. *L. B.* 364, 1810.  
*Eupithecia V-ata*, *Step. H.* iii. 281, 1831. *Wood, I. E.* t. 24,  
 f. 655.

6. *EUPITHECIA DEBILIATA*. The Devon Pug. B. M.  
*Geometra debiliata*, Hüb. *Ge.* t. 91, f. 466, 1810?  
*Eupithecia nigropunctata*, Chant.—*Ent. M.* i. 184, 1833.  
*Wood, I. E.* t. 24, f. 653.

c. *TEPHROCYSTIS*, Hüb. V. 323, 1816.

7. *EUPITHECIA PUMILATA*. The Double-striped Pug. B. M.  
*Geometra pumilata*, Hüb. *Ge.* t. 75, f. 388, 1804.  
*Phalæna bistrigata*, Haw. *L. B.* 361, 1810.  
*Eupithecia Strobilata*, *Step. H.* iii. 282, 1831. *Wood, I. E.* t.  
 24, f. 656.

8. *EUPITHECIA RUFIFASCIATA*. The Red-barred Pug. B. M.  
*Phalæna rufifasciata*, Haw. *L. B.* 361, 1810.  
*Eupithecia rufifasciata*, *Step. H.* iii. 282, 1831. Wood, *I. E.*  
t. 24, f. 657.  
*Eupithecia recictaria*, Bois. *I. M.* 2 ed. 209, 1840.
9. *EUPITHECIA PUSILLATA*. The Dwarf Pug. B. M.  
*Geometra pusillata*, Hüb. *Ge.* t. 73, f. 378, 1806.
10. *EUPITHECIA BEGRANDARIA*. The Small Gray Pug. B. M.  
*Eupithecia Begrandaria*, Bois. *I. M.* 2 ed. 211, 1840.  
*Phalæna pusillata*, Haw. *L. B.* 359, 1810.  
*Eupithecia pusillata*, *Step. H.* iii. 287, 1831. Wood, *I. E.* t.  
24, f. 673.  
*Eupithecia*? *Valerianata*, Zell.—*Isis*, 193, 1846.
11. *EUPITHECIA PLUMBEOLATA*. The Lead-coloured Pug. B. M.  
*Phalæna plumbeolata*, Haw. *L. B.* 360, 1810.  
*Eupithecia plumbeolata*, *Step. H.* iii. 287, 1831. Wood, *I. E.*  
t. 24, f. 674.
12. *EUPITHECIA PALUSTRARIA*. The Marsh Pug. B. M.  
*Eupithecia palustraria*, Doub. (*List*, 19, 1850). *Id. Zool. App.*  
cv. 1850.
13. *EUPITHECIA SATYRATA*. The Beech Pug. B. M.  
*Geometra Satyrata*, Hüb., Freyer.  
*Eupithecia fagicolaria*, Green, *Zoologist*, 4187.
14. *EUPITHECIA CALLUNARIA*. The Heath Pug. B. M.  
*Eupithecia Callunaria*, Stainton, *MSS.* Doub.—*Zool. App.*  
cv. 1850.  
*Eupithecia cinereata*, (*Cur. G.* 162, 1831).
15. *EUPITHECIA SUBUMBRATA*. The Small-brindled Pug. B. M.  
*Geometra subumbrata*, Hüb. *Ge.* t. 45, f. 233, 1798.  
*Eupithecia subumbrata*, *Step. H.* iii. 284, 1831. Wood, *I. E.*  
t. 24, f. 664.
16. *EUPITHECIA SUBNOTATA*. The Plain Pug. B. M.  
*Geometra subnotata*, Hüb. *Ge.* t. 89, f. 458, 1809.

*Phalæna simplicata*, *Haw. L. B.* 359, 1810.

*Eupithecia simplicata*, *Step. H.* iii. 287, 1831. *Wood, I. E.*  
t. 24, f. 672.

*Eupithecia denotaria*, *Bois. Mus. (teste Doub.)*

d. *TARACHIA*, *Hüb. V.* 324, 1816.

17. *EUPITHECIA CASTIGATA*. The Gray Pug. B. M.

*Geometra castigata*, *Hüb. Ge.* t. 89, f. 456, 1809.

*Phalæna singulariata*, *Haw. L. B.* 360, 1810.

*Eupithecia singulariata*, *Step. H.* iii. 283, 1831. *Wood, I. E.*  
t. 24, f. 661.

*Eupithecia Valerianaria*, *Bois. Mus. (teste Doub.)*.

Var.  $\alpha$ . *Phalæna nebulata*, *Haw. L. B.* 360, 1810.

*Eupithecia nebulata*, *Step. H.* iii. 284, 1831. *Wood, I. E.*  
t. 24, f. 662.

18. *EUPITHECIA SUBFASCIATA*. The Barred Pug. B. M.

*Eupithecia subfasciata*, *Step. H.* iii. 284, 1831. *Wood, I. E.*  
t. 24, f. 665.

19. *EUPITHECIA AUSTERATA*. The Common Pug. B. M.

*Geometra austerata*, *Hüb. Ge.* t. 89, f. 457, 1809.

*Phalæna vulgata*, *Haw. L. B.* 359, 1810.

*Eupithecia vulgata*, *Step. H.* iii. 285, 1831. *Wood, I. E.* t.  
24, f. 666.

*Eupithecia Pimpinellaria*, *Bois. Mus. (teste Doub.)*.

Var.  $\alpha$ . *Phalæna subfuscata*, *Haw. L. B.* 360, 1810.

*Eupithecia subfuscata*, *Step. H.* iii. 285, 1831. *Wood, I. E.* t.  
24, f. 667.

20. *EUPITHECIA SOBRINATA*. The Juniper Pug. B. M.

*Geometra Sobrinata*, *Hüb. Ge.* t. 90, f. 465, 1810.

Var.  $\alpha$ . *Phalæna lævigata*, *Haw. L. B.* 362, 1810.

*Eupithecia lævigata*, *Step. H.* iii. 282, 1831. *Wood, I. E.* t.  
24, f. 658.

e. *DYSCYMATOGA*, *Hüb. V.* 324, 1816.

21. *EUPITHECIA EXIGUATA*. The Mottled Pug. B. M.

*Geometra exiguata*, *Hüb. Ge.* t. 73, f. 379, 1804.



*Eupithecia exigua*, *Step. H.* iii. 283, 1831. *Wood, I. E.* t. 24, f. 659.

*Phalæna trimaculata*, *Haw. L. B.* 362, 1810.

Var. *a.* *Eupithecia ochreata*, *Step. (Cat. ii. No. 6654, 1829).*

22. *EUPITHECIA ABBREVIATA.* The Short-winged Pug. B. M.

*Eupithecia abbreviata*, *Step. (Cat. ii. No. 6665, 1829).* *Id. H.* iii. 283, 1831. *Wood, I. E.* t. 24, f. 660.

*Eupithecia redactaria*, *Bois. I. M.* 2 ed. 209, 1840.

23. *EUPITHECIA INNOTATA.\** The Angle-barred Pug. B. M.

*Phalæna-G. innotata*, *Hüfn.—(Berl. M. iv. 616, 1770).*

*Geometra innotata*, *Hüb. Ge. t. 86, f. 441, 442, 1809.*

24. *EUPITHECIA LANCEOLARIA.\** The Southern Pug. B. M.

*Larentia ? lanceolaria*, *Ramb. F. And. (teste Bois. C. 209, 1840).*

25. *EUPITHECIA TENUIATA.\** The Slender Pug. B. M.

*Geometra tenuiata*, *Hüb. Ge. t. 76, f. 394, 1805.*

26. *EUPITHECIA MINUTATA.* The Wormwood Pug. B. M.

*Geometra minutata*, *Schiff. ? (W. V. 110, 1776).*

*Phalæna-G. Absinthiata*, *Linn. ? F. ii. No. 1296, 1761.*

*Eupithecia Absinthiata*, *Step. H.* iii. 286, 1831. *Wood, I. E.* t. 24, f. 669.

Var. *a.* *Eupithecia innata*, *Step. H.* iii. 285, 1831. *Wood, I. E.* t. 24, f. 668.

27. *EUPITHECIA ELONGATA.* The Long-winged Pug. B. M.

*Phalæna elongata*, *Haw. L. B.* 358, 1810.

*Eupithecia elongata*, *Step. H.* iii. 286, 1831. *Wood, I. E.* t. 24, f. 671.

Var. *a.* *Eupithecia notata*, *Step. H.* iii. 286, 1831. *Wood, I. E.* t. 24, f. 670.

28. *EUPITHECIA INDIGATA.* The Ochreous Pug. B. M.

*Geometra indigata*, *Hüb. Ge. t. 77, f. 399, 1805.*

29. *EUPITHECIA NANATA.* The Narrow-winged Pug. B. M.

*Geometra nanata*, *Hüb. Ge. t. 75, f. 387, 1804.*

*Phalæna angustata*, *Haw. L. B.* 362, 1810.

*Eupithecia angustata*, *Step. H.* iii. 289, 1831. *Wood, I. E.* t. 24, f. 680.

f. *LEUCOCORA*, *Hüb. V.* 325, 1816.

30. *EUPITHECIA PIPERATA*. The Speckled Pug. B. M.

*Eupithecia piperata*, *Step. H.* iii. 288, 1831. *Wood, I. E.* t. 24, f. 678.

*Eupithecia obrutaria*, *H.-Schæff.*? *S.* iv. 119, t. 24, f. 145, 146, 1848.

31. *EUPITHECIA CENTAUREATA*. The Lime Speck. B. M.

*Geometra centaureata*, *Schiff. (W. V.)* 114, 1776).

*Eupithecia centaureata*, *Step. H.* iii. 289, 1831. *Wood, I. E.* t. 24, f. 679.

*Phalæna signata*, *Scop. C.* No. 578, 1763.

*Phalæna-G. succenturiata*, *Hüfn.*—(*Berl. M.* iv. 606, 1770).

*Geometra oblongata*, *Thunb. I. S.* iv. 14, t. adj. 1784.

[B. M.]

32. *EUPITHECIA SUCCENTURIATA*. The Bordered Lime Speck.

*Phalæna-G. succenturiata*, *Linn. S. Nat.* i. 528, 1758.

*Eupithecia succenturiata*, *Step. H.* iii. 288, 1831. *Wood, I. E.* t. 24, f. 679.

*Geometra disparata*, *Hüb. Ge.* t. 47, f. 246, 1798.

33. *EUPITHECIA COGNATA*. The Red Lime Speck. B. M.

*Eupithecia cognata*, *Step. (Cat.)* ii. No. 6671). *Id. H.* iii. 288, 1831. *Wood, I. E.* t. 24, f. 676.

*Eupithecia succenturiata*, var., *H.-Schæff.* *S.* iv. 119, 1848.

34. *EUPITHECIA SUBFULVATA*. The Tawny Speck. B. M.

*Phalæna subfulvata*, *Haw. L. B.* 357, 1810.

*Eupithecia subfulvata*, *Step. H.* iii. 287, 1831. *Wood, I. E.* t. 25, f. 675.

*Phalæna fulvata*, *Haw. (Pr.)* 27, 1802).

*Geometra disparata*, *Hüb. Ge.* t. 47, f. 247, 1798.

*Larentia oxydata*, *Treit. S.* vi. 2, 114, 1828.

35. *EUPITHECIA IRRIGUATA*. The Marbled Pug. B. M.

*Geometra irriguata*, *Hüb. Ge.* t. 77, f. 397, 1807.

*Phalæna variegata*, *Haw. L. B.* 362, 1810.

*Eupithecia variegata*, *Step. H.* iii. 290, 1831. *Wood, I. E.* t. 24, f. 681.

*g. ARAGONIA*, *Hüb. V.* 325, 1816.

36. *EUPITHECIA CONSIGNATA*. The Pinion Spotted Pug. B. M.

*Phalæna-G. consignata*, *Bork. E. S.* iv. 315, 1794.

*Eupithecia consignata*, *Step. H.* iii. 290, 1831. *Wood, I. E.* t. 24, f. 682.

*Geometra insigniata*, *Hüb. P. Beit.* ii. 97, t. 3, f. U., 1789.

37. *EUPITHECIA VENOSATA*. The Pretty Widow. B. M.

*Geometra venosata*, *Fab. M. I.* ii. 209, 1787.

*Eupithecia venosata*, *Step. H.* iii. 290, 1831. *Wood, I. E.* t. 24, f. 683.

*Phalæna decussata*, *Don. B. I.* viii. 38, t. 266, f. 3, 1799.

## Sub-F. XV. CHESIADI.

*Chesiadi*, *Step. MSS.*

## 279. PACHYCNEMIA.

*Pachycnemia*, *Step. (Cat.* ii. 141, 1829). *Id. H.* iii. 268, 1831.

*Alsophila*, p., *Hüb. V.* 320, 1816.

*Sthanella*, *Bois. I. M.* 2 ed. 229, 1840.

1. *PACHYCNEMIA HIPPOCASTANARIA*. The Horse Chestnut. B. M.

*Geometra Hippocastanaria*, *Hüb. Ge.* t. 36, f. 186, 1798.

*Pachycnemia Hippocastanaria*, *Step. H.* iii. 269, 1831. *Cur. B. E.* xiii. t. 611, 1836.

*Phalæna* ? *anomalata*, *Haw.—Ent. Tr.* i. 337, 1812.

Var. *a.* *Geometra degenerata*, *Hüb. Ge.* t. 38, f. 406, ♀ 1836.

## 280. EUCESTIA.

*Eucestia*, *Hüb. V.* 322, 1816.

*Chesias*, p., *Treit. (S.* v. 2, 437, 1825). *Id. vi.* 1, 330, 1827.

1. *EUCESTIA OBLIQUATA*. The Chevron. B. M.

*Geometra obliquata*, *Schiff. (W. V.* 102, 1776).

*Chesias obliquata*, *Step. H.* iii. 270, 1831. *Wood, I. E.* t. 23, f. 633.

*Phalæna rufata*, *Fab. M. I.* ii. 202, 1787.

*Phalæna Bombycata*, *Don. B. I.* xi. 74, t. 386, f. 4, 1806.

2. EUCESTIA SPARTIATA. The Streak. B. M.

*Phalæna Spartiata*, *Herbst.—Fues. A.* 33, t. 11, 1781. *Don. B. I.* x. 42, t. 342, f. 2, 1801.

*Chesias Spartiata*, *Step. H.* iii. 270, 1831.

281. PHIBALAPTERYX.

*Phibalapteryx*, *Step. (Cat. ii.* 138, 1829). *Id. H.* iii. 255, 1831.

a. HORISME, *Hüb. V.* 331, 1816.

1. PHIBALAPTERYX TERSATA. The Fern. B. M.

*Geometra tersata*, *Schiff. (W. V.* 109, 1776).

*Phibalapteryx tersata*, *Step. H.* iii. 256, 1831. *Wood, I. E.* t. 22, f. 612.

b. ORTHONAMA, *Hüb. V.* 331, 1816.

2. PHIBALAPTERYX VITALBATA. The Small Waved Umber. B. M.

*Geometra Vitalbata*, *Schiff. (W. V.* 109, 1776).

*Phibalapteryx Vitalbata*, *Step. H.* iii. 257, 1831. *Wood, I. E.* t. 22, f. 613.

3. PHIBALAPTERYX LIGNATA. The Oblique Carpet. B. M.

*Geometra lignata*, *Hüb. Ge.* t. 52, f. 270, 1799.

*Phibalapteryx lignata*, *Step. H.* iii. 257, 1831. *Wood, I. E.* t. 22, f. 614.

*Geometra areolaria*, *Haw. (Pr.* 23, 1802).

*Phalæna lineataria*, *Don. B. I.* xiv. 47, t. 485, f. 1, 2, 1810.

c. MESOTYPE, p., *Hüb. V.* 331, 1816.

4. PHIBALAPTERYX POLYGRAMMATA. The Many Lined. B. M.

*Phalæna-G. polygrammata*, *Bork. E. S.* v. 560, 1794.

*Phibalapteryx polygrammata*, *Step. H.* iii. 256, 1831. *Wood, I. E.* t. 56, f. 1676.

## 282. PLEMYRIA.

*Plemyria*, *Hüb.* V. 334, 1816.

1. PLEMYRIA GEMMATA. The Narrow-barred Carpet. B. M.

*Geometra gemmata*, *Hüb.* ? *Ge.* t. 55, f. 283, 1799.

♂? *Phalæna albicinctata*, *Haw.* ? *L. B.* 344, 1810.

*Cidaria albicinctata*, *Step. H.* iii. 200, 1831.

♀. *Phalæna angustata*, *Haw.* *L. B.* 340, 1810.

*Phibalapteryx angustata*, *Step. H.* iii. 258, 1831. *Wood, I. E.* t. 22, f. 616.

a. CÆNOCALPE, *Hüb.* V. 330, 1816.

2. PLEMYRIA LAPIDATA.\* The Slender-striped Rufous. B. M.

*Geometra lapidata*, *Hüb. Ge.* t. 63, f. 324, 1802.

*Phalæna subrufata*, *Haw. L. B.* 347, 1810.

*Macaria subrufata*, *Step. H.* iii. 320, 1831. *Wood, I. E.* t. 26, f. 744.

## 283. PHILEREME.

*Philereme*, *Hüb.* V. 330, 1816.

*Scotosia*, *Step. (Cat.* ii. 139, 1829). *Id. H.* iii. 259, 1831.

*Larentia*, *Cur. (G.* 164, 1831).

1. PHILEREME RHAMNATA. The Dark Umber. B. M.

*Geometra Rhamnata*, *Schiff. (W. V.* 109, 1776).

*Scotosia Rhamnata*, *Step. H.* iii. 260, 1831. *West. & H. M.* ii. 50, t. 66, f. 18, 1843.

*Phalæna-G. transversata*, *Hüfn.*—(*Berl. M.* iv. 600, 1770).

*Phalæna clypeata*, *Schwar. R. K.* 140, 1791.

2. PHILEREME VETULATA. The Brown Scallop. B. M.

*Geometra vetulata*, *Schiff. (W. V.* 109, 1776).

*Scotosia vetulata*, *Step. H.* iii. 260, 1831. *Wood, I. E.* t. 23, f. 619.

*Phalæna fuscata*, *Haw. (Pr.* 27, 1802).

## 284. SCHIDAX.

*Schidax*, *Hüb.* V. 315, 1816.

## 1. SCHIDAX SPARSARIA. The Broom Scallop. B. M.

*Geometra Sparsaria*, *Hüb. Ge. t. 77, f. 398, 1897.**Scotosia Sparsaria*, *Step. H. iii. 261, 1831. Wood, I. E. t. 23, f. 620.*

## 285. TRIPHOSA.

*Triphosa*, *Step. (Cat. ii. 139, 1829). Id. H. iii. 261, 1831.**Plerocymia*, p., *Hüb. V. 330, 1816.*

## 1. TRIPHOSA CERTATA. The Scarce Tissue. B. M.

*Geometra certata*, *Hüb. (V. 330, 1816).**Acidalia certata*, *Treit. S. vi. 2, 72, 1828.**Geometra cervinata*, *Hüb. Ge. t. 51, f. 266, 1799.**Triphosa cervinata*, *Step. H. iii. 262, 1831. Wood, I. E. t. 23, f. 621.**Acidalia ancipitata*, *Treit. (S. v. 2, 440, 1825).*

## 2. TRIPHOSA DUBITATA. The Tissue. B. M.

*Phalæna-G. dubitata*, *Linn. F. ii. No. 1259, 1761.**Triphosa dubitata*, *Step. H. iii. 262, 1831. Wood, I. E. t. 23, f. 622.**Phalæna-G. fuliginata*, *Hüfn.—(Berl. M. iv. 610, 1770).*Var. *a. Scotosia cinereata*, *Step. H. iii. 263, 1831. Wood, I. E. t. 23, f. 623.*

## 286. CAMPTOGRAMMA.

*Camptogramma*, *Step. H. iii. 264, 1831.**Plerocymia*, p., *Hüb. V. 330, 1816.*

## 1. CAMPTOGRAMMA BILINEATA. The Yellow Shell. B. M.

*Phalæna-G. bilineata*, *Linn. S. Nat. i. 525, 1758. Wood, I. E. t. 23, f. 624.**Camptogramma bilineata*, *Step. H. iii. 264, 1831.*

## 287. GALOCALPE.

*Calocalpe*, *Hüb. V. 330, 1816.**Eucosmia*, *Step. H. iii. 265, 1831.*

## 1. CALOCALPE UNDULATA. The Scollop Shell. B. M.

*Phalæna-G. undulata*, *Linn. S. Nat. i. 524, 1758.*

*Eucosmia undulata*, *Step. H.* iii. 265, 1831. *Wood, I. E.* t. 23, f. 625.

*Phalæna-G. serrata*, *Hüfn.*—(*Berl. M.* iv. 522, 1770).

### Sub-F. XVI. SIONIDI.

*Sionidi*, *Guén. P MSS.* ?

*Sionites*, *Dup. C.* 277, 1846.

#### 288. SIONA.

*Siona*, *Dup. L. F.* viii. 112, 1829.

*Schistotege*, p., *Hüb. V.* 336, 1816.

*Idaëa*, *Step. (Cat.* ii. 136, 1829).

*Scoria (pro Siona) Step. H.* iii. 344, 1831.

#### 1. SIONA DEALBATA. The Black-veined.

B. M.

*Phalæna-G. dealbata*, *Linn. S. Nat.* ii. 870, 1767.

*Siona dealbata*, *Step. H.* iii. 245, 1831. *Cur. B. E.* xv. t. 691, 1838.

#### 289. GYPSOCHROA.

*Gypsochroa*, *Hüb. V.* 336, 1816.

#### \*1. GYPSOCHROA NIVEATA.\* The Snowy.

*Geometra niveata*, *Schiff. P (W. V.* 116, 1776). *Hüb. Ge.* t. 41, f. 217, 1799.

*Phalæna-G. farinata*, *Hüfn.*—(*Berl. M.* iv. 610, 1770).

*Larissa Clarkiata*, *Cur. P (Ge.* ii. 193, 1837).

### Sub-F. XVII. ZERENIDI.

*Zerenidi*, *Guén. MSS.*

*Zerenites*, *Dup. C.* 266, 1846.

#### 290. ABRAXAS.

*Abraxas*, *Leach, E. E.* ix. 134, 1815.

*Zerene*, *Bois. I. M.* 2 ed. 218, 1840.

a. RHYPARIA, *Hüb. V.* 305, 1816.

## 1. ABRAXAS GROSSULARIATA. The Large Magpie. B. M.

*Phalæna*-G. *Grossulariata*, *Linn. S. Nat.* i. 525, 1758.

*Abraxas Grossulariata*, *Step. H.* iii. 247, 1831. *West. & H. M.* ii. 45, t. 65, f. 4, 1843.

Var. a. *Abraxas Grossulariata*, var., *West. l. c.* t. 65, f. 5.

Var. b. *Abraxas Grossulariata*, var., *West. l. c.* t. 65, f. 6.

Var. c. *Abraxas Grossulariata*, var., *West. Ent. Text-Book*, f. 5, 1838.

Var. d. *Abraxas nigrata*,\* *Step. MSS.*

b. CALOSPILOS, *Hüb. V.* 305, 1816.

## 2. ABRAXAS PANTARIA. The Panther. B. M.

*Phalæna*-G. *pantaria*, *Linn. S. Nat.* ii. 863, 1767.

*Abraxas pantaria*, *Step. H.* iii. 246, t. 32, f. 1, 1831.

## 3. ABRAXAS ULMATA. The Clouded Magpie. B. M.

*Phalæna Ulmata*, *Fab. S. E.* 632, 1775.

*Abraxas Ulmata*, *Step. H.* iii. 246, 1831. *West. & H. M.* ii. 44, t. 65, f. 1, 2, 1843.

*Phalæna sylvata*, *Scop.* <sup>?</sup> *C. No.* 546, 1763.

*Geometra pantherata*, *Hüb. Beit.* ii. 47, t. 2, f. N., 1787.

*Phalæna*-G. *pantherata*, *Bork. E. S.* v. 470, 1796.

## 291. VENILIA.

*Venilia*, *Dup. L. F.* viii. 110, 1829.

*Pseudopanthera*, p., *Hüb. V.* 295, 1816.

## 1. VENILIA MACULATA. The Speckled Yellow. B. M.

*Phalæna*-G. *maculata*, *Linn. S. Nat.* i. 521, 1758.

*Venilia maculata*, *Step. H.* iii. 304, 1831. *Wood, I. E.* t. 25, f. 710.

Var. a. *Phalæna quadrimaculata*, *Hatchett.—Ent. Tr.* i. 245, t. 7, f. 3, 1812.

*Venilia 4-maculata*, *Step. H.* iii. 304, 1831. *Wood, l. c.* f. 711.



## 292. CORYCIA.

*Corycia*, *Dup. L. F.* viii. 110, 1829.

*Lomographa*, p., *Hüb. V.* 311, 1816.

*Bapta*, *Step. (Cat.* ii. 147, 1829). *Id. H.* iii. 294, 1831.

a. *ACIDALIA*,†\* *Bois. I. E.* 2 ed. 221, 1840.

## 1. CORYCIA PUNCTATA. The Clouded Silver. B. M.

*Phalæna punctata*, *Fab. S. E.* 637, 1775.

*Bapta punctata*, *Step. H.* iii. 295, 1831. *Wood, I. E.* t. 25, f. 689.

*Geometra temerata*, *Schiff. (W. V.* 116, 1776).

*Phalæna nubeculata*, *Haw. L. B.* 355, 1810.

b. *CABERA*,† *Bois. I. E.* 2 ed. 218, 1840.

## 2. CORYCIA TAMINATA. The White-pinion Spotted. B. M.

*Geometra taminata*, *Schiff. (W. V.* 116, 1776).

*Phalæna bimaculata*, *Fab. M. I.* 205, 1787.

*Bapta bimaculata*, *Step. H.* iii. 294, 1831. *Wood, I. E.* t. 24, f. 688.

## Sub-F. XVIII. MELANTHIDI.

*Melanthidi*, *Step. MSS.*

*Melanthites*, *Dup. C.* 263, 1846.

## 293. MELANIPPE.

*Melanippe*, *Dup. L. F.* viii. 111, 1829.

*Eulype*, p., *Hüb. V.* 328, 1816.

## 1. MELANIPPE HASTATA. The Argent and Sable. B. M.

*Phalæna-G. hastata*, *Linn. S. Nat.* i. 527, 1758.

*Melanippe hastata*, *Step. H.* iii. 248, 1831. *West. & H. M.* ii. 45, t. 65, f. 10—12, 1843.

Var. a. *Geometra hastulata*, *Hüb. Ge.* t. 69, f. 356, 1805?

*Melanippe hastulata*, *West. & H. l. c. f.* 12.

## 294. MELANTHIA.

*Melanthia*, Dup. *L. F.* viii. 111, 1829.

*Xerene*, Step. (*Cat.* ii. 137, 1829).

*Harpalyce*, p., Step. (*Cat.* ii. 133, 1829).

a. EULYPE, p., *Hüb.* V. 299, 1816.

## 1. MELANTHIA TRISTATA. The Small Argent and Sable. B. M.

*Phalæna*-G. *tristata*, Linn. *S. Nat.* i. 526, 1758.

*Harpalyce tristata*, Step. *H.* iii. 223, 1831. Wood, *I. E.* t. 21, f. 566.

*Phalæna contristata*, Haw. (*Pr.* 25, 1802).

Var. a. *Geometra funerata*, *Hüb. Ge.* t. 50; f. 1799.

b. EPIRRHOE, *Hüb.* V. 328, 1816.

*Melanippe*, p., Dup. *C.* 265, 1846.

## 2. MELANTHIA ALCHEMILLATA. The Common Carpet. B. M.

*Phalæna*-G. *Alchemillata*, Linn. *S. Nat.* i. 526, 1758.

*Geometra Alchemillata*, *Hüb. Ge.* t. 71, f. 370, 1805.

*Phalæna subtristata*, Haw. (*Pr.* 25, 1802). *Id. L. B.* 332, 1810.

*Harpalyce subtristata*, Step. *H.* iii. 223, 1831. Wood, *I. E.* t. 21, f. 567.

*Phalæna contristata*, Don. *B. I.* xv. 12, t. 510, f. 2, 1811.

*Geometra aparinata*, *Hüb.* (V. 328, 1816).

Var. a. *Phalæna degenerata*, Haw. *L. B.* 333, 1810.

## 3. MELANTHIA RIVATA. The Wood Carpet. B. M.

*Geometra rivata*, *Hüb. Ge.* t. 79, f. 409, 1807.

*Phalæna sylvaticata*, Haw. *L. B.* 332, 1810.

*Harpalyce sylvaticata*, Step. *H.* iii. 225, 1831. Wood, *I. E.* t. 21, f. 568.

## 4. MELANTHIA AMNICULATA. The Sharp-angled Carpet. B. M.

*Geometra amniculata*, *Hüb. Ge.* t. 75, f. 386, 1807.

*Phalæna unangulata*, Haw. (*Pr.* 25, 1802). *Id. L. B.* 332, 1810.

*Harpalyce unangulata*, Step. *H.* iii. 225, 1831. Wood, *L. B.* t. 21, f. 569.

## 295. MESOLEUCA.

*Mesoleuca*, *Hüb.* V. 326, 1816.

*Zerene*, *Treit.* (S. v. 2, 444, 1825).

a. *MESOLEUCA*, *Hüb.* V. 326, 1816.

*Xerene*, *Step.* (*Cat.* ii. 137, 1829).

1. *MESOLEUCA ADUSTATA*. The Scorched Carpet. B. M.

*Geometra adustata*, *Schiff.* (*W.* V. 114, 1776).

*Xerene adustata*, *Step.* *H.* iii. 250, 1831. *Wood*, *L. B.* t. 22, f. 605.

2. *MESOLEUCA ALBICILLATA*. The Beautiful Carpet. B. M.

*Phalæna-G. albicillata*, *Linn.* *S. Nat.* i. 527, 1758.

*Xerene albicillata*, *Step.* *H.* iii. 250, 1831. *Wood*, *L. B.* t. 22, f. 603.

*Phalæna vestalis*, *Walsh.*—*Naturf.* xiii. 30, t. 3, f. 7, 1786.

3. *MESOLEUCA PROCELLATA*. The Chalk Carpet. B. M.

*Geometra procellata*, *Schiff.* (*W.* V. 114, 1776).

*Xerene procellata*, *Step.* *H.* iii. 250, 1831.

*Phalæna procellata*, *Don.* *B. I.* vi. 53, t. 502, f. 3, 1797.

b. *PLEMYRIA*, p., *Hüb.* V. 327, 1816.

4. *MESOLEUCA RUBIGINATA*. The Blue-bordered Carpet. B. M.

*Geometra rubiginata*, *Schiff.* (*W.* V. 114, 1776).

*Xerene rubiginata*, *Step.* *H.* iii. 251, 1831. *Wood*, *I. E.* t. 22, f. 606.

*Phalæna-G. bicolorata*, *Hüfn.*—(*Berl. M.* iv. 608, 1770).

*Phalæna abbreviata*, *Haw.* (*Pr.* 25, 1802).

Var. a. *Phalæna trigonata*, *Haw.* (*Pr.* 24, 1802).

Var. b. *Zerene plumbata*, *Cur.* *G.* 163, 1831. *Id.* *B. E.* xiv. t. 643, 1837.

*Xerene plumbata*, *Step.* *H.* iii. 251, 1831.

*Xerene contaminata*, *Step.* (*Cat.* ii. No. 6597, 1829).

*Geometra vitiosata*, *Frey.* *N. B.* i. 116, t. 60, f. 3, 1833.

## 296. EMMELESIA.

*Emmelesia*, *Step.* (*Cat.* ii. 147, 1829). *Id.* *H.* iii. 296, 1831.

*Melanippe*, p., *Bois.* *C.* 215, 1840.

a. CALOSTIGIA, *Hüb.* *V.* 328, 1816.

## 1. EMMELESIA RIVULATA. The Rivulet. B. M.

*Geometra rivulata*, *Schiff.* (*W.* *V.* 109, 1776). *Hüb. Ge.* t. 50, f. 259, 1799.

*Phalæna nassata*, *Fab.* *M.* ii. 212, 1787.

*Phalæna Alchemillata*, *Haw.* *L. B.* 335, 1810.

*Emmelesia affinitata*, *Step.* *H.* iii. 297, 1831. *Wood, I. E.* t. 25, f. 693.

Var. a. *Emmelesia turbaria*, *Step.* *H.* iii. 298, 1831. *Wood, I. E.* t. 25, f. 694.

## 2. EMMELESIA HYDRATA. The Small Rivulet. B. M.

*Geometra hydrata*, *Frey.* *N. B.* i. 106, t. 54, f. 1, 1833.

*Phalæna nassata*, *Haw.* *L. B.* 335, 1810.

*Emmelesia rivulata*, *Step.* *H.* iii. 298, 1831. *Wood, I. E.* t. 25, f. 695.

*Emmelesia?* *Silenata*, *Guén. MSS.*

b. TRICHOPTERYX, p., *Hüb.* *V.* 323, 1816.

## 3. EMMELESIA DECOLORATA. The Sandy Carpet. B. M.

*Geometra decolorata*, *Hüb. Ge.* t. 47, f. 243, 1799.

*Emmelesia decolorata*, *Step.* *H.* iii. 297, 1831. *Wood, I. E.* t. 25, f. 692.

c. PERIZOMA, *Hüb.* *V.* 327, 1816.

## 4. EMMELESIA ALBULATA. The Grass Rivulet. B. M.

*Geometra albulata*, *Schiff.* (*W.* *V.* 109, 1776).

*Emmelesia albulata*, *Step.* *H.* iii. 299, 1831. *Wood, I. E.* t. 25, f. 698.

Var. a. *Cleogone niveata*, *Wood, I. E.* t. 24, f. 684.

## 5. EMMELESIA BLANDIATA. The Pretty Pinion. B. M.

*Geometra blandiata*, *Schiff.* (*W.* *V.* 109, 1776).

- Emmelesia blandiata*, *Step. H.* iii. 299, 1831. *Wood, I. E.* t. 25, f. 697.  
 Var. *a.* *Emmelesia trigonata*, *Step. H.* iii. 299, 1831. *Wood, l. c.* f. 699.
6. *EMMELESIA ERICETATA*. The Heath Rivulet. B. M.  
*Emmelesia ericetata*, *Dale.—Cur. (G.* 164, 1831). *Step. H.* iii. 298, 1831. *Wood, I. E.* t. 25, f. 696.  
 Var. ? *a.* *Emmelesia Monticola*, *Cur. (G.* 164, 1831).
7. *EMMELESIA TÆNIATA*. The Barred Rivulet.\* B. M.  
*Emmelesia tæniata*, *Step. H.* iii. 299, t. 32, f. 3, 1831.
8. *EMMELESIA BIFASCIATA*. The Double-barred Rivulet. B. M.  
*Phalæna bifasciata*, *Haw. L. B.* 334, 1810.  
*Emmelesia bifasciata*, *Step. H.* iii. 300, 1831. *Wood, I. E.* t. 25, f. 702.
9. *EMMELESIA UNIFASCIATA*. The Single-barred Rivulet. B. M.  
*Phalæna unifasciata*, *Haw. L. B.* 335, 1810.  
*Emmelesia unifasciata*, *Step. H.* iii. 300, 1831. *Wood, I. E.* t. 25, f. 701.

## 297. COSMORHOE.

*Cosmorhoë*, *Hüb. V.* 322, 1816.

1. *COSMORHOE RUSTICATA*. The Least Carpet. B. M.  
*Geometra rusticata*, *Schiff. (W. V.* 113, 1776).  
*Emmelesia rusticata*, *Step. H.* iii. 300, 1831. *Wood, I. E.* t. 25, f. 703.

## 298. HYRIA.

*Hyria*, *Step. (Cat.* ii. 150, 1829). *Id. H.* iii. 292, 1831.  
*Eois*, p., *Hüb. V.* 308, 1816.

1. *HYRIA AUROREALIS*. The Purple-bordered Gold. B. M.  
*Pyrallis aurorealis*, *Schiff. (W. V.* 124, 1776).  
*Phalæna-G. muricata*, *Hufn.—(Berl. M.* iv. 606, 1770).  
*Phalæna variegata*, *Fab. M.* ii. 212, 1787.  
*Geometra sanguinaria*, *Hüb. Bett. i.* 21, t. 3, f. S, 1788.

*Geometra auroraria*, *Hüb. Ge.* t. 12, f. 63, 1796.

*Hyria auroraria*, *Step. H.* iii. 292, 1831. *Wood, I. E.* t. 24, f. 686.

### 299. MINOA.

*Minoa*, *Treit. (S. v. 2, 446, 1825).* *Id.* vi. 2, 248, 1828.

*Baptria*, p., *Hüb. V.* 306, 1816.

#### 1. MINOA EUPHORBIATA. The Drab Looper.

B. M.

*Geometra Euphorbiata*, *Schiff. (W. V. 116, 1776).*

*Minoa Euphorbiata*, *Step. H.* iii. 293, 1831. *Wood, I. E.* t. 24, f. 687.

*Phalæna murinata*, *Scop. C.* No. 572, 1763.

*Phalæna-G. fuscata*, *Hüb. (Berl. M. iv. 524, 1770).*

*Phalæna sordida*, *Haw. (Pr. 26, 1802).*

### 300. ODEZIA.

*Odezia*, *Bois. I. M.* 2 ed. 229, 1840.

*Tanagra* (Genus *Avium*), *Dup. L. F.* viii. 112, 1829.

*Baptria*, p., *Hüb. (V. 306, 1816).*

#### 1. ODEZIA CHÆROPHYLLATA. The Chimney-sweeper.

B. M.

*Phalæna-G. Chærophyllata*, *Linn. S. Nat.* ii. 866, 1767.

*Minoa Chærophyllata*, *Step. H.* iii. 293, 1831. *Wood, I. E.* t. 24, f. 686.

*Phalæna-G. atrata*, *Linn. S. Nat.* i. 524, 1758.

### Sub-F. XVIII. ACIDALIDI.

*Acidalidi*, *Guén. MSS.*

*Acidalites*, *Dup. C.* 271, 1846.

### 301. LOMASPILIS.

*Lomaspilis*, *Hüb. V.* 306, 1816.

*Pœcilophasia*, *Step. H.* iii. 314, 1831.

*Abraxas*, p., *Cur. (G. 162, 1831).*

#### 1. LOMASPILIS MARGINATA. The Clouded Border.

B. M.

*Phalæna marginata*, *Linn. S. Nat.* i. 527, 1758.

*Pœcilophasia marginata*, *Step. H.* iii. 314, 1831. *Wood, I. E.* t. 26, f. 733.

*Phalœna Staphyleata*, *Scop. C. No.* 548, 1763.

Var. *a.* *Geometra maculata*, *Hüb. Beist.* i. 24, t. 3, f. P., 1789.

*Geometra nævaria*, *Hüb. Ge.* t. 15, f. 79, 1796.

*Pœcilophasia marginata*, var., *West. & H. M.* ii. 77, t. 73, f. 12, 1843.

Var. *b.* *Phalœna-G. hortulata*, *Sulz. Ken.* 38, t. 16, f. 96, 1761.

Var. *c.* *Geometra polutaria*, *Hüb. Ge.* t. 15, f. 77, 1796.

### 302. PTYCHOPODA.

*Ptychopoda*, *Step. (Cat.* iii. 150, 1829). *Id. H.* iii. 305, 1831.

*Acidalia*, *Cur. B. E. fo.* 384, 1831.

*Dosithea*, *Dup. L. F.* viii. 108, 1829.

#### a. CRASPEDIA, *Hüb. V.* 312, 1816.

#### 1. PTYCHOPODA REVERSATA. The Small Fan-footed Wave. B. M.

*Ideæ reversata*, *Treit. S.* vi. 2, 286, 1828.

*Phalœna dilutata*, *Haw. L. B.* 353, 1810.

*Dosithea scutularia*, *Dup. L. F.* ix. 55, t. 174, f. 2, 1830.

*Ptychopoda dilutaria*, *Step. H.* iii. 305, 1831. *Wood, I. E.* t. 25, f. 712.

Var. *a.* *Ptychopoda fimbriolata*, *Step. H.* iii. 306, 1831. *Wood, l. c.* f. 713.

Var. *b.* *Ptychopoda cinereata*, *Step. H.* iii. 306, 1831. *Wood, l. c.* f. 714.

———? *decoraria*? *Step. (Cat.* ii. 6712, 1829).

#### 2. PTYCHOPODA BISETATA. The Treble Brown Spot. B. M.

*Phalœna bisetata*, *Hüfn.*—(*Berl. M.* iv. 618, 1770).

*Ptychopoda bisetata*, *Step. H.* iii. 307, 1831. *Wood, I. E.* t. 25, f. 716.

*Geometra scutularia*, var., *Hüb. Ge.* t. 14, f. 73, 1796.

*Phalœna trigeminata*, *Haw. L. B.* 354, 1810.

#### 3. PTYCHOPODA SCUTULATA. The Single Dotted Wave. B. M.

*Geometra scutulata*, *Schiff. (W. V.* 117, 1776).

*Phalœna-G. dimidiata*, *Hüfn.*—(*Berl. M.* iv. 602, 1770).

*Phalœna scutata*, *Fab. M. I.* ii. 211, 1787.

*Phalœna lividata*, *Haw. L. B.* 353, 1810.

*Ptychopoda lividata*, *Step. H.* iii. 306, 1831. *Wood, I. E.* t. 25, f. 715.

*Dosythea sentularia*, *Dup. L. F.* ix. 556, t. 210, f. 4, 1830.

4. PTYCHOPODA ORNATA. The Lace Border. B. M.

*Geometra ornata*, *Schiff. (W. V.)* 117, 1776.

*Ptychopoda ornata*, *Step. H.* iii. 307, 1831. *Wood, I. E.* t. 25, f. 717.

*Geometra ornataria*, *Esp. S. v.* t. 51, f. 2—4, 1796.

*Phalæna-G. instituta*, *Hufn.—(Berl. M.)* iv. 526, 1770.

*Phalæna-G. paludata*, *Vill. E.* ii. 355, 1789.

b. ARRHOSTIA, p., *Hüb. V.* 311, 1816.

5. PTYCHOPODA IMMUTARIA. The Mullein Wave. B. M.

*Geometra immutaria*, *Hüb. Ge.* t. 20, f. 108, 1797.

*Phalæna incanata*, *Haw. L. B.* 350, 1810.

*Ptychopoda incanata*, *Step. H.* iii. 307, 1831. *Wood, I. E.* t. 25, f. 718.

Var. a. *Phalæna contiguaris*, *Haw. L. B.* 350, 1810.

*Ptychopoda contiguaris*, *Step. H.* iii. 308, 1831. *Wood, I. E.* t. 25, f. 719.

c. LEPTOMERIS, p.? *Hüb. V.* 311, 1816.

6. PTYCHOPODA VIRGULARIA. The Small Dusty Wave. B. M.

*Geometra virgularia*, *Hüb. V. Ge.* t. 19, f. 104, 1797.

*Acidalia virgularia*, *Step. H.* iii. 310, 1831. *Wood, I. E.* t. 26, f. 725.

303. EMMILTIS.

*Emmiltis*, *Hüb. V.* 309, 1816.

*Ptychopoda?* *Step. H.* iii. 309, 1831.

1. EMMILTIS RUBRICATA. The Tawny Wave. B. M.

*Geometra rubricata*, *Schiff. (W. V.)* 110, 1776.

*Ptychopoda? rubricata*, *Step. H.* iii. 308, t. 31, f. 1, 1831.

*Phalæna-G. rubiginata*, *Hufn.—(Berl. M.)* iv. 610, 1770.



## 304. ACIDALIA.

*Acidalia*, Treit. (*S.* v. 2, 438, 1825). *Id.* vi. 2, 5, 1828.

*Cymatida*, Sodoff.—(*Bull. S. I. Mosc.* 18, 1837).

a. LEPTOMERIS, p., *Hüb.* V. 311, 1816.

## 1. ACIDALIA OSSEATA. The Dark Cream Wave. B. M.

*Geometra osseata*, Schiff. (*W.* V. 110, 1776).

*Acidalia osseata*, Step. *H.* iii. 309, 1831. *Wood, I. E.* t. 25, f. 723.

*Geometra ossearia*, *Hüb. Ge.* t. 19, f. 102, 1797.

Var. a. *Ptychopoda subochreata*, Step. (*Cat.* ii. No. 6708, 1829).

[Wave.

## 2. ACIDALIA MARGINEPUNCTATA.\* The Dotted-bordered Cream

*Ptychopoda marginepunctata*, Step. (*Cat.* ii. 6709, 1829).

*Acidalia marginepunctata*, Step. *H.* iii. 310, 1831. *West. & H. M.* ii. 75, t. 73, f. 2, 1843.

## 3. ACIDALIA OBSOLETARIA.\* The Obscure Wave.

*Acidalia?* *obsoletaria*, Ramb. *F. A. (teste Bois. C.* 224, 1840).

*Acidalia obsoletaria*, Dup. *L. F. Supp.* iv. 52, t. 54, f. 10, 1842.

b. ARRHOSTIA, p., *Hüb.* V. 311, 1816.

## 4. ACIDALIA PEROCHRARIA. The Bright Wave. B. M.

*Acidalia perochraria*, Tisher.—*Fis. v. R.* 125, t. 49, 1834.

*Acidalia pallidaria*, Cur. *B. E.* viii. fo. 384, 1831.

## 5. ACIDALIA HOLOSERICEARIA. The Silky Wave. B. M.

*Acidalia holosericearia*, Parr.—*Dup. L. F. Supp.* iv. 109, t. 59, f. 7, 1842.

## 6. ACIDALIA SUBSERICEATA. The Satin Wave. B. M.

*Phalæna subsericeata*, Haw. *L. B.* 352, 1810.

*Acidalia subsericeata*, Step. *H.* iii. 310, 1831. *Wood, I. E.* t. 26, f. 726.

## 7. ACIDALIA INORNATA. The Plain Wave. B. M.

*Phalæna inornata*, Haw. *L. B.* 349, 1810.

*Acidalia inornata*, *Step. H.* iii. 311, 1831. *Wood, I. E.* t. 26, f. 727.

*Idæa suffusata*, *Treit. ? S.* vi. 2, 272, 1828.

*Acidalia maritimata*, *Guén.*—(*teste Doub. List*, 20, 1850).

8. *ACIDALIA DEGENERARIA*.\* The Portland Ribbon Wave. B. M.

*Geometra degeneraria*, *Hüb. Ge.* t. 11, f. 57, 1796.

*Acidalia degeneraria*, *Cur. B. E.* viii. t. 384, 1831. *Step. H.* iv. 394, 1835.

9. *ACIDALIA AVERSATA*. The Ribband Wave. B. M.

*Phalæna-G. aversata*, *Linn. S. Nat.* i. 526, 1758.

*Acidalia aversata*, *Step. H.* iii. 311, 1831. *Wood, I. E.* t. 26, f. 728.

Var. *a.* *Phalæna-G. lividata*, *Linn. S. Nat.* i. 526, 1758.

Var. *b.* *Phalæna remutata*, *Haw. L. B.* 349, 1810.

*Acidalia remutata*, *Step. H.* iii. 312, 1831. *Wood, I. E.* t. 26, f. 729.

Var. ? *c.* *Phalæna fuliginata*, *Haw. ? L. B.* 350, 1810.

*Acidalia fuliginata*, *Step. H.* iii. 312, 1831.

*c.* *ASTHENA*, *p.*, *Hüb. V.* 310, 1816.

10. *ACIDALIA REMUTATA*. The Cream Wave. B. M.

*Phalæna-G. remutata*, *Linn. ? S. Nat.* i. 528, 1758.

*Phalæna-G. trilineata*, *Hüb.*—(*Berl. M.* iv. 606, 1770).

*Phalæna floslactata*, *Haw. L. B.* 351, 1810.

*Acidalia floslactata*, *Step. H.* iii. 313, 1831. *Wood, I. E.* t. 26, f. 732.

Var. *a.* *Phalæna nemorata*, *Haw. (Pr.* 27, 1802).

*Phalæna lactata*, *Haw. L. B.* 351, 1810.

*Acidalia lactata*, *Step. H.* iii. 313, 1831. *Wood, I. E.* t. 26, f. 731.

Var. *b.* *Phalæna sublactata*, *Haw. L. B.* 351, 1810.

11. *ACIDALIA CÆSPITARIA*. The Lesser Cream Wave. B. M.

*Acidalia cæspitaria*, *Bois. I. M.* 2 ed. 225, 1840.

*Phalæna immutaria*, *Haw. L. B.* 352, 1810.

*Acidalia immutaria*, *Step. H.* iii. 308, 1831. *Wood, I. E.* t. 26, f. 721.

*Geometra sylvestraria*, *Frey. N. B.* i. 142, t. 77, f. 2, 3, 1834.

12. *ACIDALIA FUMATA*. The Smoky Wave. B. M.

*Acidalia fumata*, *Dale?*—*Step. H.* iii. 312, 1831. *Wood, I. E.* t. 26, f. 730, 1835.

*Acidalia nitidaria*, *Bois. I. M.* 2 ed. 227, 1840.

d. *STRENIA*, p., *Bois. I. M.* 2 ed. 227, 1840.

\*13. *ACIDALIA IMMORATA*.\* The Barred Wave.

*Phalæna-G. immorata*, *Linn. S. Nat.* i. 528, 1728. *Schiff.* (*W. V.* 107, 1776).

*Geometra immoraria*, *Hüb. Ge.* t. 25, f. 133, 1797.

*Phalæna-G. grammaria*, *Hüfn.*—(*Berl. M.* iv. 614, 1770).

*Phalæna-G. festuæaria*, *Brahm. I. K.* ii. 321, 1791.

305. *STRENIA*.

*Strenia*, *Dup. L. F.* viii. 112, 1829.

*Chiasmia*, p., *Hüb. V.* 293, 1816.

*Hercyna*, *Step.* (*Cat.* ii. 149, 1829).

1. *STRENIA CLATHRATA*. The Latticed Heath. B. M.

*Phalæna-G. clathrata*, *Linn. S. Nat.* i. 524, 1758.

*Strenia clathrata*, *Step. H.* iii. 302, 1831. *Wood, I. E.* t. 25, f. 709.

*Phalæna retialis*, *Scop. C.* No. 536, 1763.

Var. a. *Geometra cancellaria*, *Hüb. Ge.* t. 62, f. 322, 1801.

Var. b. *Phalæna radiata*, *Haw. L. B.* 348, 1810.

Var. c. *Phalæna retata*, *Haw. L. B.* 348, 1810.

306. *EUCHÆCA*.

*Euchæca*, *Hüb. V.* 298, 1816.

*Eupisteria*, p., *Bois. I. M.* 2 ed. 192, 1840.

*Fidonia*, p., *Dup. Cat.* 240, 1846.

1. *EUCHÆCA HEPARATA*. The Dingy Shell. B. M.

*Geometra heparata*, *Schiff.* (*W. V.* 116, 1776).

*Emmelesia?* *heparata*, *Step. H.* iii. 302, 1831. *Wood, I. E.* t. 25, f. 708.

307. *HYDRELIA*.

*Hydrelia*, *Hüb. V.* 322, 1816.

1. *HYDRELIA SYLVATA*. The Waved Carpet. B. M.*Geometra sylvata*, Schiff. (*W. V.* 109, 1776).*Emmelesia*? *sylvata*, Step. *H.* iii. 300, 1831. Wood, *I. E.* t. 25, 704.*Phalæna testaceata*, Don. *B. I.* xiv. 51, t. 487, f. 1, 1810.2. *HYDRELIA BLOMERI*. Blomer's Rivulet. B. M.*Melanippe Blomeri*, Cur. *B. E.* ix. t. 416, 1832.*Emmelesia*? *Blomeri*, Step. *H.* iv. 398, 1835.*Geometra pulchraria*, Evers.—*Bull. S. I. Mosc.* iii. 557, t. 6, f. 9, 1842.308. *ASTHENA*?*Asthena*? Hüb. *V.* 310, 1816.1. *ASTHENA*? *LUTEATA*. The Small Yellow Wave. B. M.*Geometra luteata*, Schiff. (*W. V.* 110, 1776).*Emmelesia*? *luteata*, Step. *H.* iii. 301, 1831. Wood, *I. E.* t. 25, f. 707.*Phalæna centrata*, Fab. *G. Mant.* 290, 1777.*Phalæna flavostrigata*, Don. *B. I.* xi. 73, t. 386, f. 1, 2, 1802.2. *ASTHENA*? *CANDIDATA*. The Small White Wave. B. M.*Geometra candidata*, Schiff. (*W. V.* 110, 1776).*Emmelesia*? *candidata*, Step. *H.* iii. 301, 1831. Wood, *I. E.* t. 25, f. 706.*Phalæna-G. albulata*, Hüfn.—(*Berl. M.* iv. 327, 1770).*Phalæna immutata*, Fab. *S. E.* 637, 1775.

## Sub-F. XIX. TIMANDRIDID.

Timandridi, Step. *MSS.*309. *NEMORIA*.*Nemoria*, Hüb. *V.* 285, 1816.*Chlorissa*, p., Step. *H.* iii. 315, 1831.1. *NEMORIA VIRIDATA*. The Small Grass Emerald. B. M.*Phalæna-G. viridata*, Linn. *S. Nat.* i. 523, 1758.

*Chlorissa viridata*, *Step. H.* iii. 316, 1831. *Wood, I. E.* t. 26, f. 734.

*Geometra vernaria*, *Haw. L. B.* 300, 1810.

\*2. NEMORIA CLOBARIA. The Middle Grass Emerald. B. M.

*Geometra cloraria*, *Hüb. ? Ge.* t. 68, f. 352, 1804.

*Hemithea cloraria*, *Dup. ? L. F.* ix. 549, t. 210, f. 1, 1880.

*Chlorissa cloraria*, *Step. H.* iii. 316, 1831. *Wood, I. E.* t. 26, f. 735.

310. THALERA.

*Thalera*, *Hüb. V.* 285, 1816.

*Chlorissa*, p., *Step. H.* iii. 315, 1831.

a. THALERA, *Hüb. ut supra.*

1. THALERA ÆSTIVARIA. The Common Emerald. B. M.

*Geometra Æstivaria*, *Hüb. Beit.* i. 22, t. 3, f. B, 1786. *Esp. S. v.* 24, t. 2, f. 1, 2, 1794.

*Phalæna-G. fimbriata*, *Hüfn.*—(*Berl. M.* iv. 604, 1770).

*Phalæna vernaria*, *Fab. S. E.* 620, 1775. *Don. B. I.* x. 47, t. 310, 1801.

*Phalæna-G. strigata*, *Vill. E.* ii. 611, 1789.

*Geometra bajularia*, *Lang. V.* 2, 174, 1791.

*Phalæna-G. Thymiaria*, *Linn. ? S. Nat.* ii. 859, 1767?

*Chlorissa Thymiaria*, *Step. H.* iii. 316, 1831.

Var. a. *Ptychopoda vernaria*, *Step. (Cat.* ii. No. 6734, 1829).

b. JODIS, p., *Hüb. V.* 286, 1816.

2. THALERA PUTATA. The Little Emerald. B. M.

*Phalæna-G. putata*, *Linn. S. Nat.* i. 523, 1758.

*Phalæna-G. putataria*, *Linn. F.* No. 1225, 1761.

*Chlorissa ? putataria*, *Step. H.* iii. 317, 1831. *Wood, I. E.* t. 26, f. 737.

*Geometra lactearia ? Haw. (Pr.* 21, 1802).

311. TIMANDRA.

*Timandra*, *Dup. L. F.* viii. 105, 1829.

*Calothysanus*, p., *Hüb. V.* 301, 1816.

## 1. TIMANDRA IMITARIA. The Small Blood-vein. B. M.

*Geometra imitaria*, *Hüb. Ge.* t. 10, f. 21, 1796.*Timandra imitaria*, *Step. H.* iii. 318, 1831. *Wood, I. E.* t. 26, f. 738.

## 2. TIMANDRA EXEMPTARIA. The Subangled Wave. B. M.

*Geometra exemptaria*, *Hüb. (V.* 301, 1816).*Phalæna variegata*, *Scop. ? C.* No. 553, 1763.*Timandra variegata*, *Step. H.* iii. 318, 1831. *Wood, I. E.* t. 26, f. 739.*Geometra strigilata*, *Schiff. (W. V.* 117, 1776).*Phalæna mediata*, *Fab. ? M. I.* 209, 1787.*Acidalia pratensis*, *Bois. I. M.* 2 ed. 227, 1840.

## 3. TIMANDRA EMUTARIA. The Dusky Wave. B. M.

*Geometra emutaria*, *Hüb. Ge.* t. 63, f. 323, 1801.*Timandra emutaria*, *Step. H.* iii. 318, 1831. *Wood, I. E.* t. 26, f. 740.Var. *a.* *Phalæna subroseata*, *Haw. L. B.* 351, 1810. *Step. H.* iii. 319, 1831.

## 312. MACARIA.

*Macaria*, *Cur. B. E.* iii. fo. 132, 1826.*Semiothisa*, p., *Hüb. V.* 298, 1816.

## 1. MACARIA NOTATA. The Peacock. B. M.

*Phalæna-G. notata*, *Linn. S. Nat.* i. 523, 1758.*Macaria notata*, *Step. H.* iii. 319, 1831. *Wood, I. E.* t. 26, f. 742.*Phalæna-G. exustata*, *Hüfn.—(Berl. M.* iv. 600, 1770).

## 2. MACARIA ALTERNATA. The Sharp-angled Peacock. B. M.

*Geometra alternata*, *Schiff. (W. V.* 106, 1776).*Macaria alternata*, *Step. H.* iii. 320, 1831. *Wood, I. E.* t. 26, f. 743.*Phalæna prænotata*, *Haw. L. B.* 346, 1810.

## 3. MACARIA LITURATA. The Tawny-barred Angle. B. M.

*Phalæna-G. liturata*, *Linn. F.* ii. No. 1272, 1761.*Macaria liturata*, *Cur. B. E.* iii. t. 132, 1826. *Step. H.* iii. 320, 1831.

*Phalæna*-*G. igneata*, *Hüfn.*—(*Berl. M.* iv. 612, 1770).

*Phalæna obscurata*, *Haw.* (*Pr.* 27, 1802).

Var. ? *a. Phalæna præatomata*, *Haw. L. B.* 345, 1810.

*Macaria præatomata*, *Step. H.* iii. 321, 1831.

### 313. ANIA.

*Ania*, *Step. H.* iii. 321, 1831.

*Cepphis*, *p.*, *Hüb. V.* 294, 1816.

#### 1. ANIA EMARGINATA. The Small Scallop.

B. M.

*Phalæna*-*G. emarginata*, *Linn. S. Nat.* i. 524, 1758.

*Ania emarginata*, *Step. H.* iii. 322, 1831.

*Phalæna*-*G. erosata*, *Hüfn.*—(*Berl. M.* iv. 526, 1770).

*Phalæna demandata*, *Fab. S. E.* 630, 1775.

*Phalæna quadripunctata*, *Don. B. I.* xiv. 60, t. 493, f. 3, 1810.

♀. *Phalæna dimidiata*, *Haw. L. B.* 347, 1810.

*Phalæna rumigerata*, *Don. B. I.* xiv. 67, t. 493, f. 2, 1810.

### 314. ENNOMOS.

*Ennomos*, *t.*, *Treit.* (*S.* v. 2, 427, 1825). *Id.* vi. 1, 4, 1827.

*Culposia*, *Hüb. V.* 287, 1816.

*Aventia*, *Dup. L. F.* viii. 105, 1829.

#### 1. ENNOMOS FLEXULA. The Beautiful Hooktip.

B. M.

*Phalæna flexula*, *Fab. M. I.* ii. 197, 1787.

*Ennomos flexula*, *Step. H.* iii. 323, 1831. *Wood, I. E.* t. 26, f. 750.

*Phalæna sinuata*, *Fab. G. I. M.* 287, 1777.

## Fam. II. PLATYPTERICIDÆ.

*Platyptericidæ*, *Step. H.* iv. 3, 1834.

### 315. PLATYPTERYX.

*Platypteryx*, *Lasp. Pl.* 27, 1803.

*Prionia*, *Hüb. V.* 150, 1816.

## 1. PLATYPTERYX LACERTINARIA. The Scalloped Hooktip. B. M.

*Phalæna*-*G. lacertinaria*, *Linn. S. Nat.* i. 519, 1758.

*Geometra lacertula*, *Schiff. (W. V. 64, 1776).*

*Platypteryx lacertula*, *Step. H.* iv. 4, 1834. *Wood, I. E.* t. 26, f. 751.

*Geometra dentaria*, *Thunb. I. S.* 5, 1784.

♂. *Bombyx Sciucula*, *Hüb. Bo.* t. 12, f. 50, 1798?

♀. *Bombyx Lacertula*, *Hüb. Bo.* t. 12, f. 49, 1798?

Var. *a.* *Falcaria curvula*, *Haw. L. B.* 154, 1810.

Var. *b.* *Platypteryx cultraria*, *Leach, (E. E.* ix. 134, 1815). *Step. H.* iv. 5, 1834. *Wood, I. E.* t. 26, f. 752.

## 316. DREPANA.

*Drepana*, *Schr. F. B.* ii. 2, 155, 1802.

*a. SYSSAURA*, *Hüb. V.* 150, 1816.

## 1. DREPANA FALCATA. The Pebble Hooktip. B. M.

*Phalæna*-*G. falcata*, *Linn. S. Nat.* i. 519, 1758.

*Drepana falcata*, *Step. H.* iv. 6, 1834. *West. & H. M.* ii. 83, t. 74, f. 4, 5, 1843.

*Geometra falcata*, *Schiff. (W. V. 64, 1776).*

## 2. DREPANA SICULA.\* The Scarce Pebble Hooktip.

*Geometra sicula*, *Schiff. (W. V. 64, 1776).*

*Bombyx sicula*, *Hüb. Bo.* t. 11, f. 41, 1797.

*Bombyx harpagula*, *Esp. S.* iii. 373, t. 73, f. 1, 2, 1785?

*b. DREPANIA*, *Hüb. V.* 149, 1816.

## 3. DREPANA HAMULA. The Oak Hooktip. B. M.

*Geometra hamula*, *Schiff. (W. V. 64, 1776).*

*Drepana hamula*, *Step. H.* iv. 7, 1834. *Wood, I. E.* t. 26, f. 754.

*Phalæna*-*G. binaria*, *Hüfn. — (Berl. M.* iv. 516, 1770).

*Phalæna falcata*, *Fab. S. E.* 629, 1775.

*Phalæna*-*G. falcularia*, *Vill. E.* ii. 301, t. 6, f. 1, 1789.

Var. *a.* *Phalæna*-*B. uncinula*, *Bork. E. S.* iii. 461, 1790.

Var. *b.* *Bombyx uncula*, *Hüb. Bo.* t. 12, f. 45, ♀, 1797.

*Drepana uncula*, *Wood, I. E.* t. 26, f. 755.



## 4. DREPANA UNGUICULA. The Barred Hooktip. B. M.

*Bombyx unguicula*, *Hüb. Bo.* t. 12, f. 48, 1797.

*Drepana unguicula*, *Step. H.* iv. 7, 1834. *Wood, I. E.* t. 26, f. 756.

*Phalæna cultraria*, *Fab. ? S. E.* 621, 1775.

*Bombyx sicula*, *Esp. S.* iii. 378, t. 74, f. 4—7, 1785?

## 317. CILIX.

*Cilix*, *Leach, E. E.* ix. 134, 1815.

*Euclea*, *Hüb. V.* 149, 1816.

## 1. CILIX SPINULA. The Chinese Character. B. M.

*Geometra spinula*, *Schiff. (W. V.* 64, 1776).

*Bombyx compressa*, *Fab. G. I. M.* 279, 1777.

*Cilix compressa*, *Step. H.* iv. 9, 1834. *Wood, I. E.* t. 26, f. 757.

*Phalæna glaucata*, *Scop. ? C. No.* 549, 1763.

*Phalæna-A. ruffa*, *Linn. ? S. N.* ii. 1068, 1761.

*Geometra modesta*, *Walsh.—Naturf.* xiii. 27, t. 3, f. 4, 1786.

(*Vide Pyralis Bankiana*, *Fab. S. E.* 645, 1775).

## Fam. III. PYRALIDÆ.

*Pyralidæ*, *Leach, E. E.* ix. 135, 1815.

## Sub-F. I. HERMINIDI.

*Herminidi*, *Step. MSS.*

*Herminites*, *Dup. C.* 211, 1846.

## 318. HYPENA.

*Hypena*, *Schr. F. B.* ii. 2, 163, 1802.

*Herminia*, *Eatr. H. N.* iii. 413, 1802.

*Pogonitis*, *Sodoff.—(Bull. S. I. Mosc.* 18, 1837).

a. MACROCHILO, p., *Hüb. V.* 345, 1816.

## 1. HYPENA PROBOSCIDALIS. The Snout. B. M.

*Phalæna*-*P. proboscidalis*, *Linn. S. Nat.* i. 533, 1758.*Hypena proboscidalis*, *Step. H.* iv. 11, 1834. *West. & H. M.* ii. 85, t. 74, f. 9, 10, 1843.*Phalæna ensalis*, *Fab. E. S.* iii. 2, 221, 1794.b. HYPENA, *Hüb. V.* 345, 1816.

## 2. HYPENA ROSTRALIS. The Buttoned Snout. B. M.

*Phalæna*-*P. rostralis*, *Linn. S. Nat.* i. 533, 1758.*Hypena rostralis*, *Step. H.* iv. 12, 1834. *Wood, l. E.* t. 27, f. 761.Var. a. *Phalæna palpalis*, *Fab. S. E.* 642, 1775.*Crambus palpalis*, *Haw. P. L. B.* 366, 1810.*Hypena palpalis*, *Step. H.* iv. 12, 1834.Var. b. *Crambus vittatus*, *Haw. L. B.* 367, 1810.Var. c. *Pyrallis tinealis*, *Schiff. (W. V.)* 119, 1776).Aber. ? *Pyrallis radiatalis*, *Hüb. P. Py.* t. 20, f. 134.c. BOMOLOCHA, *Hüb. V.* 343, 1816.

## 3. HYPENA CRASSALIS. The Beautiful Snout. B. M.

*Phalæna crassalis*, *Fab. M. I.* ii. 217, 1787.*Hypena crassalis*, *Cur. B. E.* vi. t. 288, 1829. *Step. H.* iv. 13, 1834.Var. a. *Pyrallis Achatalis*, *Hüb. Py.* t. 2, f. 12; t. 27, f. 172, 1796.

## 319. MACROCHILA.

*Macrochila*, *Hüb. V.* 345, 1816.*Polypogon*, *Step. (Cat.)* ii. 158, 1829).

## 1. MACROCHILA CRIBRALIS. The Dotted Fan-foot. B. M.

*Pyrallis cribralis*, *Hüb. Py.* t. 1, f. 2, 1796.*Macrochila cribralis*, *Step. H.* iv. 14, 1834, 2.*Pyrallis cribralis*, *Cur. B. E.* xi. t. 527, 1834, 12.

## 320. POLYPOGON.

*Polypogon*, *Schr. F. B.* ii. 2, 161, 1802.

- *Herminia*, *Latr. G.* iv. 228, 1809.  
*Pechipogon*, *Hüb. V.* 344, 1816.

1. *POLYPOGON BARBALIS*. The Common Fan-foot. B. M.

*Phalæna-P. barbalis*, *Linn. F.* ii. No. 1345, 1763.

*Pechipogon barbalis*, *Step. H.* iv. 15, 1834. *Wood, I. E. t.* 27, f. 764.

*Pyrallis pectitalis*, *Hüb. Py.* t. 19, f. 122, 1797.

### 321. PARACOLAX.

*Paracolax*, *Hüb. V.* 344, 1816.

1. *PARACOLAX TARSICRINALIS*. The Fan-foot. B. M.

*Pyrallis tarsicrinalis*, *Hüb. Py.* t. 1, f. 5, 1796.

*Paracolax tarsicrinalis*, *Step. H.* iv. 17, 1834. *Wood, I. E. t.* 27, f. 767.

*Pyrallis tentaculalis*, *Haw. (Pr.* 29, 1802).

*Paracolax barbalis*, *Hüb. (V.* 344, 1816).

2. *PARACOLAX NEMORALIS*. The Small Fan-foot. B. M.

*Phalæna nemoralis*, *Fab. S. E.* 642, 1775.

*Paracolax nemoralis*, *Step. H.* iv. 16, 1834. *Wood, I. E. t.* 27, f. 766.

*Pyrallis grisealis*, *Schiff. (W. V.* 120, 1776).

3. *PARACOLAX DERIVALIS*. The Clay Fan-foot. B. M.

*Pyrallis derivalis*, *Hüb. Py.* t. 3, f. 19, 1796.

*Paracolax derivalis*, *Step. H.* iv. t. 33, f. 2, 1834.

### 322. COLOBOCHYLA.

*Colobochyla*, *Hüb. V.* 344, 1816.

*Madopa*, *Step. (Cat.* ii. 159, 1829).

1. *COLOBOCHYLA SALICALIS*. The Lesser Belle. B. M.

*Pyrallis Salicalis*, *Schiff. W. V.* 285, t. 1a, f. 5.

*Colobochyla Salicalis*, *Step. H.* iv. 18, 1834. *Wood, I. E. t.* 27, f. 769.

*Phalæna obliquata*, *Fab. E. S.* iii. 2, 185, 1794.

## Sub-F. II. CLEDEOBIDI.

Cledeobidi, *Step. MSS.*Cledeobites, *Dup. C.* 209, 1846.

## 323. SYNAPHA.

Synapha, *Hüb. V.* 347, 1816.Cledeobia, *Guén. MSS. ?*Botys, t., *Latr. H. N.* iii. 414, 1802.

## 1. SYNAPHA ANGUSTALIS. The Small Snout.

B. M.

Pyralis angustalis, *Schiff. (W. V.* 120, 1776).Cledeobia angustalis, *Step. H.* iv. 19, 1834. *Wood, I. E. t.* 27, 770.Phalæna erigalis, *Fab. E. S.* iii. 2, 237, 1794.♀. Pyralis curtalis, *Schiff. (W. V.* 120, 1776).Pyralis rufescalis, *Haw. (Pr.* 30 ? 1802).Pyralis Bombycalis, *Hüb. Py. t.* 19, f. 123, 1796.

## 324. CLEDEOBIA.

Cledeobia, *Step. (Cat.* ii. 159, 1829). *Id. H.* iv. 19, 1834.Hypenodes, *Guén. MSS.*

## 1. CLEDEOBIA ALBISTRIGALIS. The White-line Snout.

B. M.

Crambus albistrigalis, *Haw. L. B.* 368, 1810.Cledeobia albistrigalis, *Step. H.* iv. 20, 1834. *Wood, I. E. t.* 27, f. 771.Hypenodes nolalis, *Guén.—teste Doub. (List, 14, 1850).*

## 2. CLEDEOBIA COSTÆSTRIGALIS. The Pinion-streaked Snout. B. M.

Crambus costæstrigalis, *Haw. ? MSS.*Cledeobia costæstrigalis, *Step. H.* iv. 21, 1834. *Wood, I. E. t.* 27, f. 772.Hypenodes leucopteralis, *Guén.—teste Doub. (List, 14, 1850).*

## 325. SCHRANCKIA.

Schranckia, *H. Schæff. P.* 448.Hypenodes, *Guén. MSS.—Doub.—(Zool. App. cv. 1850).*

1. *SCHRANCKIA TURFOSALIS*. The Marsh Oblique-barred. B. M.*Schranckia turfosalis*, *Wocke, Zeitr. f. Ent.* 1850, t. 5, f. 17.*H.-Schæff.* ii. 448, f. 620. *Guén. Spec. Gen.* viii. 43.*Hypenodes humidalis*, *Doub.—Zool. App.* vii. cv. 1850. *Step. Cat. Brit.* 234.*Hypenodes Hibernicalis*, *Doub. MSS. (olim.)*.*Pyrallis biobliquialis*, — *MSS.*

## Sub-F. III. AGLOSSIDI.

*Aglossidi*, *Step. MSS.**Aglossites*, *Dup. C.* 210, 1846.

## 326. AGLOSSA.

*Aglossa*, *Latr. H.* iii. 414, 1802.a. EUOLITA, *Hüb. V.* 347, 1816.1. *AGLOSSA PINGUINALIS*. The Tabby. B. M.*Phalæna-P. pinguinalis*, *Linn. S. Nat.* i. 533, 1758.*Aglossa pinguinalis*, *Step. H.* iv. 23, 1834. *Wood, I. E.* t. 27, f. 775.Var. *a.* *Crambus pinguiculatus*, *Haw. L. B.* 372, 1810.Var. *b.* *Pyrallis Streatfeildii*, *Cur. B. E.* x. t. 455, 1834.*Aglossa Streatfeildii*, *Step. H.* iv. 24, 1834.b. *HYPSOPYGIA*, p., *Hüb. V.* 348, 1816.2. *AGLOSSA CUPREALIS*. The Small Tabby. B. M.*Hypsopygia cuprealis*, *Hüb. (V.* 348, 1816). *Wood, I. E.* t. 27, f. 776.*Pyrallis Caprealis*, *Hüb. Py.* t. 23, f. 153, 1796.*Aglossa Caprealis*, *Step. H.* iv. 23, 1834.*Crambus Capreolatus*, *Haw. L. B.* 372, 1810.*Aglossa cupræalis*, *Doub. (List,* 13, 1850).

## 327. PYRALIS.

*Pyrallis*, *Linn. S. Nat.* i. 533, 1758.*Asopia*, *A., Treit. S.* viii. 146, 1829.

a. PYRALIS, *Linn. ut supra.*

## 1. PYRALIS FARINALIS. The Meal Moth. B. M.

*Phalæna-P. farinalis*, *Linn. S. Nat.* i. 533, 1758.

*Pyrallis farinalis*, *Step. H.* iv. 25, 1834. *Wood, I. E.* t. 27, f. 778.

*Phalæna Pyralis*, *Fues. S. H.* 41, 1775.

b. EUCLITA, *Hüb. V.* 347, 1816.

## 2. PYRALIS GLAUCINALIS. The Double-striped. B. M.

*Phalæna-P. glaucinalis*, *Linn. S. Nat.* i. 533, 1758.

*Pyrallis glaucinalis*, *Step. H.* iv. 26, 1834. *Wood, I. E.* t. 27, f. 780.

*Phalæna nitidalis*, *Fab. M. I.* ii. 219, 1787.

*Euchita incalidalis*, *Hüb. (V.* 347, 1816).

## 328. HYP SOPY G I A.

*Hypsopygia*, *Hüb. V.* 348, 1816.

*Agrotera?* *Step. (Cat.* ii. 160, 1829).

## 1. HYP SOPY G I A COSTALIS. The Gold Fringe. B. M.

*Phalæna costalis*, *Fab. S. E.* 644, 1775.

*Hypsopygia costalis*, *Step. H.* iv. 27, 1834. *Wood, I. E.* t. 27, f. 781.

*Pyrallis fimbrialis*, *Schiff. (W. V.* 124, 1776).

## 329. A G R O T E R A.

*Agrotera*, *Hüb. V.* 348, 1816.

*Asopia*, *B., Treit. S.* vii. 155, 1829.

*Endotricha*, *Zell.—teste H.-Schæff.* iii. 12, 1847.

## 1. A G R O T E R A FLAMMEALIS. The Common Rosy Flounced. B. M.

*Pyrallis flammealis*, *Schiff. (W. V.* 123, 1776).

*Agrotera flammealis*, *Step. H.* iv. 28, 1834. *Wood, I. E.* t. 27, f. 782.

## 2. A G R O T E R A NEMORALIS. The Rare Rosy Flounced.

*Agrotera nemoralis*, *Scop.* 618. *Hüb.* 100, 206. *Beytr.* pl.

2. *Guenée, Spec. Gen.* viii. 21. *Dup.* pl. 223, f. 6.

## 330. DOLYCHARTHRIA.

*Dolycharthria*, *Step. H.* iv. 55, 1834.

*Stenia*, *Guén.*—*Dup. C.* 202, 1846.

## 1. DOLYCHARTHRIA PUNCTALIS. The Long-legged Pearl. B. M.

*Pyralis punctalis*, *Schiff. (W. V.* 123, 1776). *Treit. Heulf.* t. 3, f. 9, 1834.

*Scopula longipedalis*, *Cur. B. E.* viii. t. 312, 1830.

*Margaritia?* (*Dolycharthria*) *longipedalis*, *Step. H.* iv. 55, 1834.

*Asopia Ætnæalis*, *Dup. L. F.* x. 199, t. 223, f. 4, 1831.

## Sub-F. IV. NYMPHULIDI.

*Nymphulidi*, *Step. MSS.*

*Nymphulites*, *Dup. C.* 201, 1846.

## 331. DIASEMIA.

*Diasemia*, *Hüb. V.* 348, 1816.

*Prodelia*, *Guén.*—*Doub. (List,* 13, 1850).

## 1. DIASEMIA LITERALIS. The Lettered China Mark. B. M.

*Pyralis literalis*, *Schiff. (W. V.* 122, 1776).

*Diasemia literalis*, *Step. H.* iv. 37, 1834. *Wood, I. E.* t. 28, f. 798.

*Phalæna argentalis*, *Fab. ? S. I.* ii. 275, 1781.

## 332. HYDROCAMPA.

*Hydrocampa*, *Latr. F. N.* 478, 1825.

a. NAUSINOE, *Hüb. V.* 362, 1816.

## 1. HYDROCAMPA POTAMOGATA. The Brown China Mark. B. M.

*Phalæna-G. Potamogata*, *Linn. S. Nat.* i. 529, 1758.

*Phalæna Potamogata*, *Don. B. I.* ix. 9, t. 363, f. 1, 1806.

*Hydrocampa Potamogata*, *Step. H.* iv. 38, 1834.

*Pyralis Nymphæalis*, *Lang. V.* ii. 210, 1782. *Hüb. Py.* t. 13, f. 85, 1796.

b. NYMPHULA, *Hüb. V.* 362, 1816.

## 2. HYDROCAMPA NYMPHEATA. The Beautiful China Mark. B. M.

*Phalæna*-G. *Nymphæata*, *Linn. S. Nat.* i. 529, 1758.

*Hydrocampa Nymphæata*, *Step. H.* iv. 39, 1834. *West. & H. M.* ii. 97, t. 76, f. 21—23, 1843.

*Phalæna*-G. *nitidulata*, *Hüfn.*—(*Berl. M.* iv. 618, 1770).

*Pyrallis Potamogalis*, *Hüb. Py.* t. 13, f. 82, 1796.

*Phalæna stagnata*, *Don. B. I.* xi. 10, t. 363, f. 3, 1806.

c. CATACLYSTA, *Hüb. V.* 363, 1816.

## 3. HYDROCAMPA LEMNATA. The Small China Mark. B. M.

*Phalæna*-G. *Lemnata*, *Linn. S. Nat.* i. 529, 1758.

*Hydrocampa Lemnata*, *Step. H.* iv. 40, 1834. *Wood, I. E.* t. 28, f. 801.

*Phalæna*-G. *gemmata*, *Hüfn.*—(*Berl. M.* iv. 614, 1770).

♀. *Phalæna Uliginata*, *Fab. E. S.* iii. 2, 214, 1794.

## 333. PARAPOYNX.

*Parapoynx*, *Hüb. V.* 362, 1816.

## 1. PARAPOYNX STRATIOTATA. The Ringed China Mark. B. M.

*Phalæna*-G. *Stratitotata*, *Linn. S. Nat.* i. 529, 1758.

*Parapoynx Stratitotata*, *Step. H.* iv. 41, 1834.

*Hydrocampa Stratitotata*, *Cur. B. E.* xi. t. 495, 1834.

*Phalæna paludata*, *Fab. E. S.* iii. 2, 213, 1794.

## Sub-F. V. BOTYDI.

*Botydi*, *Step. MSS.*

*Botytes*, *Dup. C.* 205, 1846.

## 334. PHLYCTÆNIA.

*Phlyctænia*, *Hüb. V.* 359, 1816.

*Ebulea*, p., *Guén.—testę Doub. (List, 14, 1850).*

## 1. PHLYCTÆNIA SAMBUCALIS. The Garden China Mark. B. M.

*Pyrallis Sambucalis*, *Schiff. (W. V.)* 122, 1776.

*Phlyctænia Sambucalis*, *Step. H.* iv. 42, 1834. *Wood, I. E.* t. 28, f. 803.



## 335. EURRHYPARA.

*Eurrhypara*, *Hüb.* V. 360, 1816.

*Botys*, *Step.* (*Cat.* ii. 164, 1829).

*Ostreophana*, *Sodoff.*—(*Bull. S. I. Mosc.* 19, 1837).

## 1. EURRHYPARA URTICATA. The Small Magpie. B. M.

*Phalæna*-G. *Urticata*, *Linn. F.* ii. No. 1297, 1761.

*Eurrhypara Urticata*, *Step. H.* iv. 44, 1834. *Wood, I. E.* t. 28, f. 805.

*Phalæna Hortulata*, *Linn. S. Nat.* i. 529, 1758.

## 336. EBULEA.

*Ebulea*, *Gutén.*—*Doub.* (*List*, 14, 1850).

a. *ECPYRRHORRHÖE*, *Hüb.* V. 356, 1816.

## 1. EBULEA VERBASCALIS. The Rusty China Mark. B. M.

*Pyralis Verbascalis*, *Schiff.* (*W. V.* 121, 1776).

*Margaritia Verbascalis*, *Step. H.* iv. 54, 1834.

*Pyralis arcualis*, *Hüb. Py.* t. 12, f. 80, 1796.

*Margaritia (ochrealis)*, *Wood, I. E.* t. 28, f. 820.

b. *SITOOHROA*, p., *Hüb.* V. 356, 1816.

## 2. EBULEA CROCEALIS. The Small Straw China Mark. B. M.

*Pyralis crocealis*, *Hüb. Py.* t. 11, f. 71, 1796.

*Pyralis ochrealis*, *Haw. L. B.* 381, 1812.

*Margaritia ochrealis*, *Step. H.* iv. 53, 1834.

*Margaritia (Verbascalis)*, *Wood, I. E.* t. 28, f. 824.

## 337. NASCIA.

*Nascia*, *Cur. B. E.* xii. fo. 559, 1835.

*Epicorsia*, p., *Hüb.* V. 355, 1816.

*Duponchelea*, *Zell.*—*teste H.-Schæff.* iii. 8, 1847.

## 1. NASCIA CILIALIS.\* The Orange Cloud.

*Pyralis cilialis*, *Hüb. Py.* t. 18, f. 119, 1796.

*Margaritia cilialis*, *Step. H.* iv. 53, 1834.

*Nascia ciliaris*, *Cur. B. E.* xii. t. 559, 1835.

Var. *a. Botys Catalaunalis*, *Dup. L. F.* x. 330, t. 232, f. 8, 1832.

### 338. UDEA.

*Udea*, *Guén.*—*Dup. C.* 209, 1846.

#### 1. UDEA FERRUGALIS. The Rusty Dot. B. M.

*Pyralis ferrugalis*, *Hüb. Py.* t. 9, f. 54, t. 23, f. 150, 1796.

*Margaritia ferrugalis*, *Step. H.* iv. 53, 1834. *Wood, I. E.* t. 28, f. 822.

Var. *a. Margaritia fulvalis*, *Step. H.* iv. 54, 1834. *Wood, I. E.* t. 28, f. 823.

### 339. MECYNA.

*Mecyna*, *Guén.*—*Doub. (List, 14, 1850).*

*Mesographa*, *p., Hüb. V.* 354, 1816.

#### 1. MECYNA ASINALIS. The Dusky Pearl. B. M.

*Pyralis asinalis*, *Hüb. Py.* t. 29, f. 185, 1797.

*Margaritia asinalis*, *Step. H.* iv. 47, 1834. *Wood, I. E.* t. 28, f. 808.

### 340. NOMOPHILA.

*Nomophila*, *Hüb. V.* 368, 1816.

*Stenopteryx*, *Guén.*—*Doub. (List, 14, 1850).*

#### 1. NOMOPHILA NOCTUELLA. The Rush Veneer. B. M.

*Pyralis Noctuella*, *Schiff. (W. V.* 136, 1776).

*Pyralis hybridalis*, *Hüb. Py.* t. 17, f. 114, 1797.

*Nomophila hybridalis*, *Step. H.* iv. 312, 1834. *Wood, I. E.* t. 47, f. 1476.

### 341. BOTYS.

*Botys*, *Latr. R. A.* 573, 1818.

*Margaritia*, *Step. (Cat. ii.* 164, 1829). *Id. H.* iv. 46, 1834.

*a. EPICORSIA*, *Hüb. V.* 355, 1816.

#### 1. BOTYS VERTICALIS. The Mother-of-Pearl. B. M.

*Phalæna Verticalis*, *Linn. S. Nat.* i. 533, 1758.

*Margaritia Verticalis*, *Step. H.* iv. 48, 1834. *Wood, I. E.* t. 28, f. 810.

*Epicorsia Iridialis*, *Hüb.* (V. 355, 1816).

\*2. *BOTYS PERPENDICULARIS.* The Scarce Mother-of-Pearl.

*Botys perpendiculalis*, *Dup. L. F.* x. 324, t. 232, f. 5, 1831.

*Margaritia centrostrigalis*, *Step. H.* iv. 49, 1832. *Wood, I. E.* t. 28, f. 811, ♀.

3. *BOTYS PANDALIS.* The Bordered Pearl.

B. M.

*Epicorsia pandalis*, *Hüb.* (V. 355, 1816).

*Pyrallis Verhascalis*, *Hüb. Py.* t. 9, f. 59, 1796.

*Botys Thapsalis*, *Treit. (S. vi.* 2, 314, 1828).

*Margaritia Thapsalis*, *Step. (Cat. ii.* 165, 1829). *Step. H.* iv. 50, 1834.

♂. *Pyrallis angustalis*, *Haw. L. B.* 379, 1812.

*Margaritia angustalis*, *Step. H.* iv. 51, 1834. *Wood, I. E.* t. 28, f. 816.

♀. *Pyrallis terminalis*, *Haw. L. B.* 379, 1812.

*Margaritia terminalis*, *Step. H.* iv. 51, 1834. *Wood, I. E.* t. 28, f. 816.

b. *HAPALIA*, *Hüb.* V. 355, 1816.

4. *BOTYS HYALINALIS.* The Scarce Pearl.

B. M.

*Pyrallis hyalinalis*, *Hüb. Py.* t. 11, f. 74, 1796.

*Margaritia hyalinalis*, *Step. H.* iv. 51, 1834. *Wood, I. E.* t. 48, f. 814.

5. *BOTYS FLAVALIS.* The Gold China Mark.

B. M.

*Pyrallis flavalis*, *Schiff. (W. V.* 121, 1776).

*Margaritia flavalis*, *Step. H.* iv. 52, 1834. *Wood, I. E.* t. 48, f. 819.

c. *PERINEPHILA*, *Hüb.* V. 357, 1816.

6. *BOTYS SILACEALIS.* The Dingy Pearl.

B. M.

*Pyrallis silacealis*, *Hüb. Py.* t. 18, f. 116, 1796.

*Pyrallis glabralis*, *Haw. L. B.* 380, 1812.

*Margaritia glabralis*, *Step. H.* iv. 52, 1834. *Wood, I. E.* t. 28, f. 817.

7. **BOTYS LANCEALIS.** The Long-winged Pearl. B. M.  
*Pyralis lancealis*, *Schiff.* (W. V. 121, 1776).  
*Margaritia lancealis*, *Step. H.* iv. 48, 1834. *Wood, I. E.* t. 48, f. 809.  
*Pyralis elongalis*, *Haw. (Pr.* 30, 1802).  
*Pyralis longalis*, *Haw. L. B.* 379, 1812.  
 ♀. *Pyralis glabralis*, *Hüb. Py.* t. 18, f. 117, 1796.
8. **BOTYS FUSCALIS.** The Cinereous Pearl. B. M.  
*Pyralis fuscalis*, *Schiff.* (W. V. 121, 1776).  
*Margaritia fuscalis*, *Step. H.* iv. 56, 1834. *Wood, I. E.* t. 48, f. 827.  
*Pyralis cineralis*, *Haw. L. B.* 380, 1812.  
 Var. a. *Margaritia pulveralis*, *Step. (Cat.* ii. 166, 1829). *Id. H.* iv. 56, 1834. *Wood, I. E.* t. 48, f. 826.  
 Var. b. *Margaritia fimbrialis*, *Step. (Cat.* ii. 166, 1829). *Id. H.* iv. 56, 1834. *Wood, I. E.* t. 48, f. 828.
9. **BOTYS TERREALIS.\*** The Northern Pearl. B. M.  
*Botys Terrealis*, *Treit. S.* vii. 110, 1829.  
*Pyralis Terrealis*, *Frey. N. B.* v. 123, t. 456, 1845.  
*Scopula borealis*, *Cur. (G.* 175, 1831).

## 342. EPICORSIA.

*Epicorsia*, *Hüb. V.* 355, 1816.  
*Spilodes*, p., *Guén.—Doub. (List.* 14, 1850).

1. **EPICORSIA CINCTALIS.** The Lesser Pearl. B. M.  
*Botys cinctalis*, *Treit. S.* vii. 97, 1829.  
*Margaritia cinctalis*, *Step. H.* iv. 49, 1834. *Wood, I. E.* t. 48, f. 812.  
*Pyralis limbalis*, *Hüb. Py.* t. 11, f. 72, 1796.  
*Epicorsia verticalis*, *Hüb. (V.* 356, 1816).

## 343. SITOCHROA.

*Sitochroa*, *Hüb. V.* 356, 1816.  
*Spilodes*, p., *Guén.—Doub. (List.* 14, 1850).

1. **SITOCHROA PALEALIS.** The Sulphur. B. M.  
*Pyralis palealis*, *Schiff. (W.* V. 123, 1776).

*Margaritia palealis*, *Step. H.* iv. 50, 1834. *Wood, I. E.* t. 48, f. 813.

### 344. RIVULA.

*Rivula*, *Guén.—Dup. C.* 206, 1846.

*Evergestis*, p., *Hüb. V.* 354, 1816.

#### 1. RIVULA SERICEALIS. The Straw Dot. B. M.

*Pyralis sericealis*, *Schiff. (W. V.* 122, 1776).

*Margaritia sericealis*, *Step. H.* iv. 58, 1834. *Wood, I. E.* t. 29, f. 832.

*Pyralis Leeana*, *Fab. G. M.* 292, 1777.

*Noctua munda*, *Hüfn.—(Berl. M.* iii. 296, 1769).

### Sub-F. VI. SCOPULIDI.

*Scopulidi*, *Step. MSS.*

*Scopulites*, *Dup. C.* 203, 1846.

### 345. MESOGRAPHE.

*Mesographe*, *Hüb. V.* 354, 1816.

*Pionea*, p., *Guén.—Doub. (List,* 14, 1850).

#### 1. MESOGRAPHE FORFICALIS. The Garden Pebble. B. M.

*Phalæna-P. forficalis*, *Linn. S. Nat.* i. 533, 1758.

*Mesographe forficalis*, *Step. H.* iv. 45, 1834. *Wood, I. E.* t. 29, f. 806.

### 346. EVERGESTIS.

*Evergestis*, *Hüb. V.* 354, 1816.

*Pionca*, *Guén.—Dup. C.* 203, 1846.

#### 1. EVERGESTIS MARGARITALIS. The Clouded-yellow Pearl. B. M.

*Pyralis margaritalis*, *Schiff. (W. V.* 123, 1776).

*Margaritia margaritalis*, *Step. H.* iv. 57, 1834. *Wood, I. E.* t. 28, f. 831.

*Phalæna extimalis*, *Scop. C. No.* 614, 1763.

♀. *Pyralis crucealis*, *Hüb. Py.* t. 9, f. 55, 1796.

## 347. PIONEA.

*Pionea*, Guén.—Dup. C. 203, 1846.

*Mesographe*, p., Hüb. V. 354, 1816.

## 1. PIONEA STRAMENTALIS. The Chequered Straw. B. M.

*Pyrallis stramentalis*, Hüb. (V. 354, 1816).

*Margaritia stramentalis*, Step. H. iv. 57, 1834. Wood, I. E. t. 28, f. 830.

*Pyrallis elutalis*, Hüb. Py. t. 10, f. 62, 1796. Haw. L. B. 378, 1812.

## 348. SPILODES.

*Spilodes*, Guén.—Doub. (List, 14, 1850).

*Uresiphita*, p., Hüb. V. 353, 1816.

## 1. SPILODES STICTICALIS. The Diamond Spot. B. M.

*Phalæna*-P. sticticalis, Linn. F. ii. No. 1354, 1761.

*Margaritia sticticalis*, Step. H. iv. 59, 1834. Wood, I. E. t. 29, f. 834.

*Pyrallis fuscalis*, Hüb. Py. t. 7, f. 45, 1796.

*Pyrallis tetragonalis*, Haw. L. B. 385, 1812.

## 349. SCOPULA.

*Scopula*, Schr. F. B. ii. 2, 162, 1802.

*Sarodria*, Sodoff.—(Bull. S. I. Mosc. 18, 1837).

## a. SCOPULA, Schr. ut supra.

## 1. SCOPULA ÆTIALIS. The Pale Straw. B. M.

*Scopula Ætialis*, Guén.—Doub. (List, 14, 1850).

*Pyrallis secalis*, Haw. (Pr. 31, 1802).

*Pyrallis lutealis*, Haw. L. B. 380, 1812.

*Scopula institialis*, Cur. (G. 175, 1831).

*Margaritia institialis*, Step. H. iv. 56, 1834. Wood, I. E. t. 28, f. 829.

EURESIPHITA, p., *Hüb. V.* 353, 1816.

## 2. SCOPULA OLIVALIS. The White-brindled. B. M.

*Pyralis olivalis*, *Schiff.* (*W. V.* 123, 1776).

*Margaritia olivalis*, *Step. H.* iv. 59, 1834. *Wood, I. E.* t. 29, f. 835.

*Pyralis umbralis*, *Hüb. Py.* t. 8, f. 52, 1796.

*Pyralis nivealis*, *Haw. L. B.* 385, 1812.

## 3. SCOPULA PRUNALIS. The Dusky Brindled. B. M.

*Pyralis Prunalis*, *Schiff.* (*W. V.* 121, 1776).

*Margaritia Prunalis*, *Step. H.* iv. 56, 1834. *Wood, I. E.* t. 29, f. 836.

*Pyralis leucophealis*, *Hüb. ? Py.* t. 12, f. 77, 1796.

*Pyralis nebulalis*, *Haw. L. B.* 386, 1812.

Var. *a.*? *Pyralis elutalis*, *Schiff. ? (W. V.* 121, 1776).

*Pyralis albidalis*, *Hüb. ? Py.* t. 18, f. 118, 1796.

## 4. SCOPULA ALPINALIS. The Alpine Pearl. B. M.

*Pyralis alpinalis*, *Schiff. ? (W. V.* 123, 1776).

*Margaritia alpinalis*, *Step. H.* iv. 50, 1834. *Wood, I. E.* t. 29, f. 833.

*Scopula uliginosalis*, *Cur. ? MSS.*

*Margaritia uliginosalis*, *Step. (Cat.* ii. 166, 1829).

## 350. CYNÆDA.

*Cynæda*, *Hüb. V.* 346, 1816.

*Odontia*, *Dup. L. F.* x. 9, 1831.

*Scopula*, *A., Treit. S.* vii. 54, 1829.

## 1. CYNÆDA DENTALIS. The Starry Brindle. B. M.

*Pyralis dentalis*, *Schiff.* (*W. V.* 120, 1776).

*Cynæda dentalis*, *Step. H.* iv. 61, t. 33, f. 1, 1834.

*Phalæna ramalis*, *Fab. M. I.* ii. 220, 1787.

*Noctua radiata*, *Esp. S.* iv. (374), t. 126, *Noct.* 47, f. 2, 3, 1788—95.

*Noctua fulminans*, *Fab. E. S.* iii. 2, 104, 1794.

## Sub-F. VII. ENNYCHIDI.

Ennychidi, *Step. MSS.*Ennychites, *Dup. C.* 196, 1846.

## 351. RHODARIA.

Rhodaria, *Guén.—Dup. C.* 199, 1846.

## 1. RHODARIA SANGUINALIS. The Scarce Crimson and Gold. B. M.

Phalæna-Py. sanguinalis, *Linn. S. Nat.* ii. 882, 1767.Pyralis sanguinalis, *Hüb. Py.* t. 6, f. 33, 1796.Pyralis cruentalis, *Scrib. B.* i. 59, 1790.Var. a. Pyralis hæmatalis, *Hüb. Py.* t. 28, f. 178, 1797.

## 352. PYRAUSTA.

Pyrausta, *Schr. F. B.* ii. 2, 163, 1802.a. PORPHYRITES, *Hüb. V.* 349, 1816.

## 1. PYRAUSTA PURPURALIS. The Crimson and Gold. B. M.

Phalæna-Py. purpuralis, *Linn. S. Nat.* i. 534, 1758.Pyrausta purpuralis, *Step. H.* iv. 35, 1834. *Wood, I. E.* t. 27, f. 793.Pyralis punicealis, *Hüb. Py.* t. 6, f. 34, 1796.

## 2. PYRAUSTA OSTRINALIS. The Scarce Purple and Gold. B. M.

Pyralis ostrinalis, *Hüb. Py.* t. 17, f. 113, 1796.Pyralis punicealis, *Haw. L. B.* 239, 1812.Pyrausta punicealis, *Step. H.* iv. 36, 1834. *Wood, I. E.* t. 27, f. 795.

## 3. PYRAUSTA PUNICEALIS. The Purple and Gold. B. M.

Pyralis punicealis, *Schiff. (W. V.)* 317, 1776.Phalæna punicealis, *Fab. E. S.* iii. 2, 239, 1794.Pyralis porphyralis, *Hüb. Py.* t. 6, f. 36, 1796.Pyrausta porphyralis, *Step. H.* iv. 35, 1834. *Wood, I. E.* t. 27, f. 794.



b. LEIMONIA, *Hüb. V.* 350, 1816.

4. PYRAUSTA CESPITALIS. The Straw Barred. B. M.  
*Pyrallis cespitalis*, *Schiff. (W. V.* 123, 1776).  
*Pyrausta cespitalis*, *Step. H.* iv. 34, 1834. *Wood, I. E.* t. 27,  
 f. 791  
 Var. a. *Pyrallis sordidalis*, *Hüb. Py.* t. 7, f. 40, 1796.  
*Pyrausta sordidalis*, *Step. H.* iv. 34, 1834. *Wood, I. E.* t. 27,  
 f. 792.

## 353. ENNYCHIA.

*Ennychia*, *Treit. (S.* vi. 2, 318, 1828). *Id.* vii. 195, 1829.  
*Pyrausta*, *Hüb. V.* 351, 1816.

1. ENNYCHIA CINGULATA. The Silver-barred Sable. B. M.  
*Phalæna-G. cingulata*, *Linn. S. Nat.* i. 529, 1758.  
*Ennychia cingulata*, *Step. H.* iv. 32, 1834. *Wood, I. E.* t.  
 27, f. 788.  
 2. ENNYCHIA ANGUINALIS. The Wavy-barred Sable. B. M.  
*Pyrallis anguinalis*, *Hüb. Py.* t. 5, f. 32, 1796.  
*Ennychia anguinalis*, *Step. H.* iv. 32, 1834. *Wood, I. E.* t.  
 27, f. 789.  
*Pyrallis fascialis*, *Sehr. F. B.* ii. 65, 1802.

## 354. ANANIA.

*Anania*, *Hüb. V.* 360, 1816.  
*Ennychia*, B., *Treit. S.* vii. 2, 200, 1829.

1. ANANIA OCTOMACULATA. The White Spot. B. M.  
*Phalæna-G. octomaculata*, *Linn. M.* 540, 1771.  
*Anania octomaculata*, *Step. H.* iv. 31, 1834. *Wood, I. E.* t.  
 25, f. 797.  
*Geometra funeraria*, *Müll Z. D. Pr.* 132, 1773.  
*Phalæna atralis*, *Fab. S. E.* 654, 1775.  
*Pyrallis guttalis*, *Schiff. (W. V.* 194, 1776).  
*Noctua trigutta*, *Esp. S.* iv. (564), t. 162, *Noct.* 84, f. 6, 1789  
 —98.

## Sub-F. VIII. TORTRICIDI.

Tortricidi, *Step. MSS.*

## 355. SIMAETHIS.

Simaëthis, *Leach, E. E.* ix. 135, 1815.Anthophila (Genus Hymenopt.), *Haw. L. B.* 471, 1812.Choreutes, *Hüb. V.* 373, 1816.Xylopoda, *Latr. F. N.* 476, 1825.a. SIMAETHIS, *Leach, ut supra.*

## 1. SIMAETHIS FABRICIANA. The Nettle-tap. B. M.

Phalæna-To. Fabriciana, *Linn. S. Nat.* ii. 880, 1767.Simaëthis Fabriciana, *Step. II.* iv. 29, 1834. *Wood, I. E.* t. 27, f. 783.Tortrix Urticana, *Schiff. (W. V.)* 132, 1776.Tortrix dentana, *Hüb. To.* t. 1, f. 4, 5, 1796.Asopia alternalis, *Treit. (S. vi.)* 2, 317, 1825). *Id.* vii. 160, 1829.♀. Phalæna-Ti. Oxyacanthella, *Linn. S. Nat.* ii. 886, 1767.Var. a. Anthophila dentana, *Haw. L. B.* 471, 1812.

## 2. SIMAETHIS PARIANA. The Double-barred Nettle-tap. B. M.

Phalæna-To. pariana, *Linn. F.* ii. No. 1341, 1761.Simaëthis pariana, *Step. H.* iv. 29, 1834. *Wood, I. E.* t. 27, f. 784.Var. a. Anthophila lutosa, *Haw. L. B.* 472, 1812.Simaëthis lutosa, *Step. II.* iv. 29, 1834. *Wood, I. E.* t. 27, f. 785.b. CHOREUTES, *Guén. MSS.*

## 3. SIMAETHIS ANGUSTANA. The Silver-dotted Nettle-tap. B. M.

Tortrix angustana, *Hüb. To.* t. 32, f. 204, 1799?Choreutes scintilimana, *Hüb. (V.)* 373, 1816).Pyrallis Myllerana, *Fab. ♀—Haw. L. B.* 472, 1812.Simaëthis Myllerana, *Cur. B. E.* vii. t. 320, 1830. *Step. H.* iv. 30, 1834.Var. a. Anthophila punctosa, *Haw. L. B.* 472, 1812.

*Simaëthis punctosa*, *Step. H.* iv. 30, 1834. (*Myllerana*), *Wood*,  
*I. E.* t. 27, f. 786.

4. *SIMARTHIS VIBRANA*. The Scarce Nettle-tap.

356. *NOLA*.

*Nola*, *Leach*, *E. E.* ix. 135, 1815.

*Roeselia*, *Hüb.* V. 397, 1816.

1. *NOLA CRISTULALIS*. The Least Black Arches. B. M.

*Pyralis cristulalis*, *Hüb. Py.* t. 3, f. 17, 1796.

*Pyralis strigulalis*, *Haw. L. B.* 387, 1812.

*Nola strigulalis*, *Step. H.* iv. 62, 1834. *Wood*, *I. E.* t. 29, f.  
838.

2. *NOLA STRIGULA*. The Small Black Arches. B. M.

*Noctua strigula*, *Schiff.* (*W. V.* 69, 1776).

*Pyralis monachalis*, *Haw. L. B.* 387, 1812.

*Nola monachalis*, *Step. H.* iv. 62, 1834. *Wood*, *I. E.* t. 387, f.  
839.

3. *NOLA CUCULLATELLA*. The Short Cloaked. B. M.

*Phalœna-Ti. cucullatella*, *Linn. S. Nat.* i. 537, 1758.

*Nola cucullatella*, *Step. H.* iv. 62, 1834. *Wood*, *I. E.* t. 29,  
f. 840.

*Noctua palliola*, *Schiff.* (*W. V.* 69, 1776).

Var. *a.* *Nola fuliginalis*, *Step. (Cat. ii.* 168, 1829).

## INTRODUCTION.

---

THE principal object of the present Catalogue has been to give a complete list of all the Tortrices that have been recorded as found in Great Britain, indicating at the same time those species that are contained in the Collection.

This Catalogue has been prepared by JAMES FRANCIS STEPHENS, Esq., so well known for his works on British Insects, for the extent of his cabinet, and the liberality with which he allows it to be consulted.

Mr. Stephens has endeavoured to arrange these insects according to their natural affinities, so far as is practicable with a local collection; and has taken great pains to ascertain every name which has been applied to the respective species and their varieties, the author of the same, and the date of publication; the references to such names as are unaccompanied by descriptions being included in parentheses: all are arranged chronologically, excepting those to the illustrations and to the figures, which invariably follow their authorities. With these exceptions it has not been attempted to give the synonymy, from the impracticability of so doing within moderate limits; they may be found quoted at length, up to the period of its publication, in Mr. Stephens's 'Systematic Catalogue of British Insects,' 8vo, 1829.

The species in the British Museum Collection are indicated by the letters, B. M., annexed; while those in the Synoptic List, to

which doubt is attached as to their indigenous pretensions, are distinguished by an asterisk (\*) prefixed.

JOHN EDWARD GRAY.

*British Museum,*

*April 12th, 1852.*

---

*Note.* — Mr. Stephens observes, "He has pursued the plan commenced in the former part of this Catalogue, not only as to the arrangement of the contents, but in respect to all other particulars of nomenclature, &c. Upon this last-mentioned subject, however, he is desirous of adding a few remarks elucidatory of his opinions thereon, more especially as regards the nomenclature of the species, as from adhering to a rule hereunder noticed, many of the names have been by modern writers unnecessarily changed, and thus the "Babel" perplexity has been increased, will increase, and must continue increasing, unless a vigorous stand is made to arrest its progress, by adhering as strictly as practicable solely to priority: *e. g.* the *Tortrix bistriana*, *Haw.*, has (correctly enough) been referred to the *T. rufana*, *W. V. 1775*, and this last name properly retained for the species, as a *Peronea*, (*vide* page 8). In the author's 'Illustrations' there is a *Carpocapsa rufana*, now this name has been changed to *Westwoodiana* — as by the modern Micro-lepidopterological rules, alluded to above, there must not be two species, of the same name, in the higher groups terminating in *ana*, *ella*, &c.: † this last name

---

"† Guenée (Mi. 83) discards the name *Cribrum*, as impossible to be employed, amongst the *Tineæ*, because it is applied to a *Bombyx*! Can absurdity go further? What would the Coleopterist do with his *rufipes*, *pallidipennis*, *ater*, &c. by following out so capricious a rule?"

was applied, supposing it to be original, in 1850, but lo! Zetterstedt in his 'Insecta Lapponica,' published in 1840, has a *Conchylis Westwoodana*; consequently the poor *Carpocapsa* should receive a new name: it however appears that Haworth described a bad specimen of the insect in question from the identical example now remarkably enough in Mr. Westwood's collection, under the name of *T. expallidana*, and which is restored to the species in this Catalogue: proceeding with the name under consideration—as one only amongst several almost similarly circumstanced—it will be found that Scopoli, in his *Ent. Carn.* p. 235, 1763, has a *Tortrix rufana* widely different to the Vienna species, probably *Paramesia Shepherdana* or *P. ferrugana*, and therefore from priority (were the reference certain) *rufana* should be employed for the Scopolian insect, and the *Peronea* ought to receive a new appellation, in accordance with the modern views herein repudiated; it being clearly a vitious principle to re-employ—as is, however, constantly done—a name once rejected if one of a kind is alone to be used in each principal group."

"Again, there is a *Tortrix grossana*, *Haw. L. B.* 1812 (*Carpocapsa fagiglandana*, *Heyd. MSS.*), whose specific name is still retained,—and with strict propriety as regards the ordinary rules of nomenclature,—although there is a *T. grossana* of *Thunberg, I. S.* p. 45, 1791, a *Lozotænia*, allied to *Branderiana*, but not indigenous, and omitted in modern Catalogues of European Lepidoptera, although well-known to, and mentioned by, Zetterstedt in 1840. At least a score of similar instances might be added."

"The tendency of the rule in question to promote confusion is thus cursorily but manifestly shown: it is however advisable to apply entirely unused names for new species, as far as practicable, a point notwithstanding of the utmost difficulty in the present prolific state of entomological literature: *e. g.* under the genus *Retinia* there is a

species called *Pinicolana*, in 1850, whereas Zeller has a *Grapholitha* under that name (*vide* p. 43) in the 'Isis' for 1846, a work not very accessible, as is the case with many others; hence the cause of the difficulty of avoiding a duplicate name. Indeed few persons, except those engaged in similar researches, can imagine the almost utter impossibility of obtaining, either a knowledge of the various periodicals and pamphlets, in which new species of insects are described, or of procuring even a sight of the works themselves, when their titles are ascertained, either in our public or private libraries."

"Other diversities of nomenclature unavoidably arise from differences of opinion in regard to the original names of the Vienna Catalogue, &c.: one of these may be here alluded to; viz., *T. variegana* as applied in the following pages to *Peronea Abildgaardana*,\* *Doubleday*. This name (*variegana*) is employed by Guenée as the specific name of *Antithesia Cynosbatella*—although previously used by him (*Mi.* p. 10) as a synonym to *Abildgaardana*—but it is evidently so employed in error: the 'Theresians' say of *variegana*, in their appellative description, 'Gelblichtweisser W. mit dusterer Innenrandmackel, und buntem Untenraude,' which appears descriptive of the *Peronea*, and not of the *Antithesia*; the name is therefore hereafter applied accordingly: this leads to a final remark on the subject of specific names, viz., that the Theresian names are almost universally adopted in continental works, even when unaccompanied by descriptions, from the fact, that in the majority of cases original specimens are said to exist in the Vienna collection; and thus by adhering to a similar plan, there will be found a few names such as *proximana*, *simpliciana*, &c. restored, from the original specimens, bearing Haworth's autographic names,

---

\* This name is *posterior* to *Osbeckiana*; *vide* p. 18.

being in the collection of the Entomological Society, which may be considered as a public one."

"The attempt to justify the use of each generic name would not only be out of place in a mere Catalogue, but would occupy too much space; it is, however, essential to allude to one or two instances of apparent 'love of change,' as it is too frequently termed, when one writer differs from another. Duponchel, in the '*Annales de la Société Entomologique de France*,' vol. 3, p. 433 (1834), has a paper on the division of the Tortricidæ into genera; his 13th genus *Ephippiphora*, p. 446, is therein characterized, and *T. dorsana* given as the type; and this generic name is accordingly employed for the genus including *dorsana* and its congeners in the following pages. Guenée, in his *Eur. Mic. Ind. Méth.* p. 42, employs *Ephippiphora* for *scutulana* and its allies, whereas only two of Guenée's species are included by Duponchel therein, and those placed at the end—one of them, *fœnella*, being subsequently removed by him to *Pædisca*, in which genus he includes nearly the whole of the species enumerated by Guenée, under *Ephippiphora*. This transposition of the names caused Guenée, as he adopts both genera, to propose a new one for the true *Ephippiphoræ* (*Stigmonota*, *G.*); and as of course Duponchel's original name must be restored to its proper position, the name *Halonota* is subsequently proposed herein, for *Ephippiphora* of Guenée."

"One other instance only shall be noticed:—Treitschke, in his 7th vol. p. 232, proposes the genus *Grapholita*, and divides it into two sections A and B. Section B, including *Petiverella*, is synonymous with *Ephippiphora*, and section A, as hereafter employed under the name *Grapholita*, is converted by additions into *Catoptria* by Guenée, while he employs *Grapholita* to designate those insects improperly forced into section A, by Treitschke in his 8th vol., with



Hohenwarthiana and its congeners ; a new name therefore became necessary, and a transposition of the old one has been employed.

"It may be observed, in conclusion, that Guenée's generic names are unaccompanied by descriptions: however, they, as also others similarly circumstanced, are subsequently employed, rather than substitute new ones, and thus add to the overwhelming numbers required in the present advanced state of Zoology."

"Some of the species of the genera *Dichrorampha*, *Grapholita*, *Cnephasia*, and *Eupœcilia*—especially of the two last—still require investigation as to their distinctness—they are either extremely variable, or more numerous than at present indicated; from their general rarity their habits are unknown."

"Since the above remarks were penned three volumes of the 'Species général des Lépidoptères,' par M.M. Boisduval and Guenée, Paris, 1852, containing the "Noctuérites" by the latter author, have appeared: an elaborate work, but wholly destitute of specific characters!! It would not have been referred to here but for the capricious use of numerous specific, as well as generic, names bearing upon the points under discussion. In the case of the specific names several of the alterations arise from the expansion of the 'homonymic' system, above deprecated, amongst the Noctuidæ; while others arise from an apparent abrogation of the law of priority, although in p. 104, vol. vi. (ii.) a name is restored by reason of its 'incontestable priorité.' As instances of this abrogation may be noticed the following, in vol. v. (i.), viz. :—

Page 102. *Nonagria despecta*, *Treit.* 1825. = *Noctua rufa*, *Haw.* 1810.

„ 106. *Nonagria paludicola*, *Hüb.* 1816. = *Noctua geminipuncta*, *Hatchett*, 1810: *cum icone* !

Page 127. *Hydræcia vindelicia*, *Frey*. 1849. = *Gortyna Petasitis*,  
*Doub.* 1847.

354. *Noctua bella*, *Bork.* 1792. = *Noctua Rubi*, *View.* 1790.

„ 388. Genus *Hoporinia*, *Bois.* 1840. = *Jodia*, *Hüb.* 1816.  
= *Xantholeuca*, *Step.* 1831.

Vol. vi. (ii.)

Page 405. Genus *Gonoptera*, *Lat.* 1825. = *Scoliopteryx*, *Germ.*  
1811.

„ 433. *Stilbia hybridata*, *Hüb.* 1814. = *Phytometra anomala*,  
*Haw.* 1812.

“The first names are those adopted by Guenée, although he refers without question, to those above given of prior date; they are not duplicates, and therefore do not interfere with his favourite system; which appears to extend to species only, as shown by the following duplicate generic names, in vol. vi. (ii.), of established use in Entomology *alone*, many of them actually employed in the order *Lepidoptera*! And it is to be remembered that they are not mere Catalogue names, but names applied to characterized genera.”

Page.

7. *Dicycla* (Oo), *G.*      *Dicyclus*, *Walk.* Gen. Hym. 1833.  
*Eugramma*, *Step.* 1850.

31. *Phorocera*, *G.*      *Phorocera*, *Desv.* Gen. Dipt. 1830.

61. *Charidia*, *G.*      *Charidea*, *Dalm.* Gen. Lepid. ! 1816.

171. *Euterpia*, *G.*      *Euterpe*, *Swains.* Gen. Lepid. ! 1831.

236. *Leptosia*, *G.*      *Leptosia*, *Hüb.* Gen. Lepid. ! 1816.

357. *Thyria*, *G.*      *Thyra*, *Dej.* Gen. Col. 1834.

379. *Hemiceras*, *G.*      *Hemicera*, *Lapor.* Gen. Col. 1832.

386. *Achantodes*, *G.*      *Acanthodes*, *Serv.* Gen. Ort. 1831.

401. *Eriocera*, *G.*      *Eriocera*, *Macq.* Gen. Dipt. 1834.

409. *Barydia*, *G.*      *Baridius*, *Schön.* Gen. Col. 1826.

410. *Syntomopus*, *G.*      *Syntomopus*, *Walk.* Gen. Hym. 1833.

"In the same volume there are at least as many names of a similar character in use in the other departments of Zoology; and as many of both kinds in the other two volumes of the work; so that from fifty to sixty generic names are 'doubly employed' in the Noctuidæ alone:—a practical example of showing his opinion of the inferiority of *generic* to *specific* names used 'homonymically!' What notion can an individual obtain of the affinities, &c. of an insect by calling it *Brassicæ*? Certainly none: but if he uses the double name *Pieris* (or *Mamestra*) *Brassicæ*, he at once becomes acquainted with its position, and recognizes its allies."

"Perhaps some of the alterations cited above may arise from M. Guenée not studying other branches of Zoology—the Nomenclature of Agassiz would, however, have set him right—but that he sometimes expressly changes the names of species the two following references will sufficiently prove; viz. :—

Vol. i. p. 166. *Calogramma picta*, *Guer.* = *Festiva*, *Don.*

'J'ai adopté le nom de M. Guérin, celui de Donovan étant affecté, depuis longtemps, à une espèce du genre *Noctua*.'

(Regardless of there being a *Noctua picta*, *Fab.*)

Id. p. 223. *Celæna Herbimacula*, *Gu.* = *Celæna renigera*, *Step.*

'Je n'ai pu conserver son nom (*renigera*) qui désigne depuis longtemps une *Agrotis* bien connue.'

"And at the end of the 3rd vol. p. 399 he inserts, by way of 'Errata' a list of 21 specific names 'doubly employed' by him, with the new names he proposes to substitute for them. Notwithstanding these corrections others must be made by the followers of his system—one instance will suffice to show this. Haworth has described and Wood well-figured, a N. American species, *Erastris*?

apicosa, while Guenée has a *Renodes apicosa*, a native of Brazil, a **totally** distinct species."

"It is needless to occupy more space to prove the serious inconvenience inevitably connected with the promulgation of such a system at the present time. 'PRIORITY' and *priority alone*, of description, should be adopted as the only safe rule to avoid confusion; but it is not always an easy matter to arrive at the oldest name as previously mentioned, and which may be further instanced by a reference to Guenée's remark, vol. v. (i.) p. 110, on *Nonagria lutosa*: he there states that he has effaced the name *Bathyergera*, as being posterior to *lutosa* of Hübner, although in his Index in the French 'Annales,' vol. x. p. 237 (1841) he considers the latter as a different species, removed by several intermediate ones from *lutosa*! thus showing that his views have changed with time; a quality he scarcely allows to others; as gathered from the very note on the species in question: in which, after stating that it is 'assez commune en Angleterre, et varie extrêmement pour la taille et pour la couleur;' he adds, 'nevertheless (Néanmoins) M. Stephens a créé à ses dépens, outre le type, deux autres espèces,' viz., *pilicornis* and *Cannæ*: the anachronism of these sentences renders them particularly, though doubtless unintentionally, unfair. In 1810 only one example of the species (called then *crassicornis* by Haworth) was known, a second (*pilicornis*, ~~Haw.~~ *Flav.*) in 1812, and two others before 1830, all captured in distant places and remarkably unlike each other, one only (called *Canuæ*), being smaller than the others: between the period last-mentioned and 1842, two or three other specimens only occurred, but after that time, by 'sugaring,' the insect was discovered to be abundant. Now as the supposed distinct species—*crassicornis*, *pilicornis*, and *Cannæ*—were so introduced in the 'Illustrations,' in 1829, and the paucity of specimens

mentioned, it was manifestly impossible to predicate *then* that the *now* well-known species was a common and a variable one: and moreover, these remarks of Guenée are made in 1852, notwithstanding the corrections of the synonymy were made in p. 136, of the former part of this Catalogue, published in 1850, of which Guenée should have been aware, as he quotes the genus *Cænobia* therefrom in a preceding page (102) of his volume."

"Allusion has been made to the change of the name *Cribrum* amongst the *Tinæ*, in consequence of there being a *Cribrum* in *Bombyx*. Why therefore is *anachoreta* introduced by Guenée as a *Noctua* (vol. vi. p. 196) seeing that there is a long established *Bombyx anachoreta*? And again, *Mamestra Brassicæ* retains its name notwithstanding the well-known *Papilio* (*Pieris*) *Brassicæ* of our gardens."

"In conclusion, it may be added that these remarks are introduced solely with a view to point out the palpable inconvenience of the proposed system, and not from any captious spirit of opposition."

*Books quoted, in addition to those referred to in Part 5.*

---

- \* *Annals & Magazine of Natural History*, 1st series, 1842. 2nd series, 1850.
- Entomologische Zeitung*, 8vo., Stettin, 1840—51.
- \* *Frölich Enumeratio Tortricum*, L. regno Würtembergico, &c. 1 vol. 8vo., Tübingæ, 1828.
- \* *Guenée Europæorum Microlepidopterorum Index Methodicus* 1 vol. 8vo., Paris, 1845.
- Köllar Beytrage z. Landeskunde Oesterr.* 8vo., Wein. 1830—1840.
- \* *Männ. Verzeichniss der Microlepidopteren*, 8vo, Wein. 1843?
- Mémoires de la Société Royale d'Agriculture de Paris*, 8vo., Paris, 1782, &c.
- \* *Schlæger Berichte des Lepidopterologischen Tauschvereines*, 1 vol. 8vo., Jena, 1848.
- Uslar, Pyralis Hercyniana*, 8vo, Hanover, 1798.



CATALOGUE  
OF  
BRITISH MICRO-LEPIDOPTERA, § I.

---

Order LEPIDOPTERA.

(§ MICRO-LEPIDOPTERA).

Sub-Div. (IV.) LEPIDOPTERA VESPERTINA.

Lepidoptera Vespertina, *Step. H.* iv. 63, 1834.

Family I. TORTRICIDÆ.

Tortricidæ, *Leach, E. E.* ix. 135, 1815.

Sub-Family I. CYMBIDI.

Cymbidi, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 135, 1845). Id. (Mi. 1).*

Genus I, (357). HYLOPHILA.

Hylophila, *Hüb. V.* 396, 1816.

Chloëphora, *Step. (C. ii. 168, 1829).*

Halias, p., *Treit. (S. vii. 227, 1829). Id. viii. 3, 1830.*



## 1. HYLOPHILA PRASINANA. Green Silver Lines. B. M.

Phalæna-To. prasinana, *Lin. S. Nat.* i. 530, 1758.

Hylophila prasinana, *Step. H.* iv. 66, 1834. *West. & H. M.* ii. 108, t. 79, f. 1—3, 1844.

Pyrallis Fagana, *Fab. Sp. I.* ii. 276, 1781.

Phalæna Fagana, *Don. B. I.* viii. 75, t. 281, 1799.

Chloëphora Fagana, *Step. (C.)* ii. 168, 1829).

♂. *Pyrallis sylvana*, *Fab. E. S.* iv. 2, 244, 1794.

## 2. HYLOPHILA QUERCANA. Scarce Silver Lines. B. M.

*Tortrix Quercana*, *Schiff. (W. V.)* 125, 1776).

Hylophila Quercana, *Step. H.* iv. 67, 1834. *West. & H. M.* ii. 108, t. 79, f. 4—6, 1844.

*Pyrallis prasinana*, *Fab. S. E.* 645, 1775.

Phalæna prasinana, *Don. B. I.* ii. 10, t. 40, fig. sup. 1793.

Chloëphora prasinana, *Step. (C.)* ii. 168, 1829).

*Tortrix bicolorana*, *Fuesl. (S. I.)* 41, 1775).

## 2, (358). EARIAS.

*Earias*, *Hüb. V.* 395, 1816.

*Tortrix*, p., *Step. (C.)* ii. 169, 1829).

*Halias*, p., *Treit. (S.)* iii. 227, 1829).

*Earis*, *Step. H.* iv. 67, 1834.

*Halias* ††, *Guén. (Mi.)* i. 1845).

## 1. EARIAS CLORANA. The Cream-bordered Green Pca. B. M.

Phalæna-To. clorana, *Lin. F.* ii. No. 1303, 1761.

*Earis clorana*, *Step. H.* iv. 68, 1834. *West. & H. M.* ii. 108, t. 79, f. 7—9, 1844.

## Sub-Fam. II. TORTRICIDI.

*Tortricidi*, *Guén. (Ann. E. S. Fr. 2 Ser.)* iii. 136, 1845).

## 3, (359). TORTRIX.

*Tortrix*, *Auctorum.*

*Aphelia*, *Hüb. V.* 390, 1816.

1. *TORTRIX VIRIDANA*. The Pea Green T. B. M.

*Phalæna*-*To. viridana*, *Lin. S. Nat.* i. 530, 1758.

*Tortrix viridana*, *Step. H.* iv. 68, 1834. *Wood, I. E.* 129, t. 29, f. 844.

Var. *a.* *Tortrix Suttneriana*, *Schiff. (W. V.* 127, 1776).

*Tortrix flavana*, *Step. (C.* ii. 169, 1829).

2. *TORTRIX PALLEANA*. The Plain Yellow T.

*Tortrix palleana*, *Treit. S.* viii. 99, 1830. *Step. H.* iv. 69, 1834.

*Tortrix flavana*, *Hüb. To.* t. 25, f. 157, 1801.

*Tortrix viridana*, var., *Fröl. T. W.* 17, 1828.

3. *TORTRIX ICTERANA*. The Jaundiced T.

*Tortrix icterana*, *Fröl. T. W.* 70, 1828.

*Tortrix flavana*, *Hüb. To.* t. 41, f. 258, 1804.

*Tortrix palleana*, *Wood, I. E.* 129, t. 29, f. 846.

*Tortrix Viburnana*, *West. & H. M.* ii. 109, t. 79, f. 12, 1844.

4. *TORTRIX VIBURNANA*. The Drab T. B. M.

*Tortrix Viburnana*, *Schiff. (W. V.* 128, 1766). *Step. H.* iv. 69, 1834. *Wood, I. E.* 129, t. 29, f. 847.

*Tortrix Unitana*, *Hüb. To.* t. 19, f. 123, 1801. *Step. (Cat.* ii. 169, 1829).

*Tortrix pillerana*, *West. & H. M.* ii. 109, t. 79, f. 13, 14, 1844.

*Tortrix Galiana*, *Cur. B. E.* xvi. t. 762, ♂ et ♀, 1839.

♀. *Tortrix rhombana*, *Schiff. (W. V.* 128, 1766).

*Tortrix Galiana*, *Bent. MSS. Curt. G.* 166, 1831. *Step. H.* iv. 396, 1835. *Wood, I. E.* 129, t. 29, f. 845.

Var. ? *a.* *Tortrix unicolorana*, *Dup. L. F.* ix. 103, t. 240, f. 6, 1834.

Var. ? *b.* *Tortrix Aspodilana*, *H.-Schæff. ? S. To.* t. 6, f. 35, 36.

4, (360). LOZOTÆNIA.

Lozotænia, *Step.* (C. ii. 169, 1829). *Id.* H. iv. 69, 1835.  
 Tortrix, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 136, 1845). *Id.*  
 (*Mi.* 2).

a. PANDEMIS.

Pandemis, *Hüb.* V. 388, 1816.

1. LOZOTÆNIA FORSTERANA. The Forsterian T. B. M.

*Pyrallis Forsterana*, *Fab.* E. S. iii. b. 251, 1792.

*Lozotænia Forsterana*, *Step.* H. iv. 70, 1834. *Wood*, I. E. 129,  
 t. 29, f. 848.

*Tortrix reticulana*, *Fröl.* To. W. 33, 1828.

*Tortrix adjunctana*, *Treit.* E. S. viii. 54, 1830.

*Tortrix sineana*, *Frey.* N. B. i. 175, t. 18, f. 1, 1833.

Var.? a. *Tortrix Laviceana*, *Dup.* L. F. ix. 83, t. 239, f. 4, 1834.

2. LOZOTÆNIA SORBIANA. The Hazel T. B. M.

*Tortrix Sorbiana*, *Hüb.* To. t. 18, f. 113, 1801.

*Lozotænia Sorbiana*, *Wood*, I. E. 129, t. 29, f. 849, 1835.

*Tortrix Avellana*, *Haw.* L. B. 421, 1812.

*Lozotænia Avellana*, *Step.* H. iv. 70, 1834.

3. LOZOTÆNIA DUMETANA. The Thicket T.

*Tortrix dumetana*, *Treit.* Sup. x. 3, t. 60, 1835.

*Tortrix Cratægana*, *Frey.* N. B. i. 94, t. 48, f. 4, 1833.

4. LOZOTÆNIA TRANSITANA. The Maple T. B. M.

*Tortrix transitana*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 138, 1845).  
*Id.* *Mi.* 4.

*Tortrix Acerana*, *Haw.* L. B. 425, 1812.

*Lozotænia Aceriana*, *Step.* H. iv. 79, 1834. *Wood*, I. E. 132,  
 t. 29, f. 869.

## 5. LOZOTÆNIA CINNAMOMEANA. The Cinnamon T.

*Tortrix cinnamomeana*, *Treit. S.* viii. 61, 1830. *Fisch. v. R.* 12, t. 9, f. 2, a—c, 1834.

*Lozotænia cinnamomeana*, *Step. H.* iv. 71, 1834. *West. & H. M.* ii. 110, t. 79, b. 20, 1844.

*Tortrix croceana*, *Fröl. To. W.* 36, 1828.

## 6. LOZOTÆNIA HEPARANA. The Dark Oblique Bar.

B. M.

*Tortrix heparana*, *Schiff. (W. V.* 128, 1776).

*Lozotænia heparana*, *Step. H.* iv. 71, 1834, *Wood, I. E.* 129, t. 29, f. 850.

*Tortrix Padana*, *Schr. F. B.* ii. 2, No. 1755.

*Tortrix Carpiniana*, *Hüb. To.* t. 18, f. 116, 1801. *Step. (C.* ii. 169, 1829).

*Tortrix Pasquayana*, *Fröl. T. W.* 36, 1828.

*Pyralis fasciana*, *Fab. ? M.* ii. 230, 1787.

Var. *a.* *Tortrix Pasquayana*, *Schiff. (W. V.* 318, 1776).

Var. *b.* *Tortrix rubrana*, *Bull. S. I. Mosc.* ii. 71, t. 1, f. 5, 1830, *teste Treit. Sup. x.* 3, 245.

## 7. LOZOTÆNIA RIBEANA. The Common Oblique Bar.

B. M.

*Tortrix Ribeana*, *Hüb. To.* t. 18, f. 114, 1801.

*Lozotænia Ribeana*, *Step. H.* iv. 72, 1834. *Wood, I. E.* 130, t. 29, f. 852.

Var. *a.* *Tortrix Cerasana*, *Hüb. To.* t. 19, f. 119, 1801.

*Lozotænia Cerasana*, *Step. H.* iv. 72, 1834. *Wood, I. E.* 130, t. 29, f. 854.

*Tortrix Avellana*, *Fröl. T. W.* 36, 1828.

Var. *b.* *Tortrix flavana*, *Dup. ? E. F.* ix. 87, t. 239, f. 6, 1834.

*Lozotænia Grossulariana*, *Step. (C.* ii. 170, 1829). *Step. H.* iv. 72, 1834. *Wood, I. E.* 130. t. 29, f. 853.

## 8. LOZOTÆNIA CORYLANA. The Great Checquered T.

B. M.

*Pyralis Corylana*, *Fab. E. S.* iii. b, 260, 1794.

*Lozotænia Corylana*, *Step. H.* iv. 73, 1834. *Wood, I. E.* 130, t. 29, f. 855.

*Tortrix textana*, *Hüb. To.* t. 11, f. 115, 1801.

## 9. LOZOTÆNIA UNIFASCIANA. The Saffron T. B. M.

*Tortrix unifasciana*, *Dup. L. F. Sup.* 135, t. 61, f. 6, 1842.

*Tortrix croceana*, *Haw. L. B.* 424, 1812.

*Lozotænia croceana*, *Step. H.* iv. 73, 1834. *Wood, I. E.* 130, t. 29, f. 856.

*Tortrix oblitterana*, *Heyden, MSS.*

Var.? *a. Tortrix consimilana*, *Hüb. ? To.* t. 38, f. 239, 1813.

## 10. LOZOTÆNIA PICEANA.\* The Pine Hook-tipped T.

*Phalæna-To. piceana*, *Lin. S. Nat.* i. 531, 1758.

*Tortrix piceana*, *Ratz. F. I.* ii. 213, t. 14, f. 6, 6, ♂ et ♀, 1840.

♂. *Tortrix Xylosteana*, *Hüb. To.* t. 42, f. 264, 1814.

♀. *Phalæna-To. oporana*, *Lin. S. Nat.* i. 530, 1758.

*Tortrix Hermanniana*, *Schiff. (W. V.)* 317, 1776.

*Lozotænia dissimilana*, *Bent. Zool.* iii. 1000, 1845, 6.

## b. CACOECIA.

*Cacoecia*, *Hüb. V.* 388, 1816.

## 11. LOZOTÆNIA FULVANA. The Great Hook-tipped T. B. M.

*Tortrix Rosana*, *Fröl. To. W.* 32, 1828. *Step. H.* iv. 75, 1834.

*Tortrix Ameriana*, *Treit. S.* viii. 49, 1830.

♂. *Tortrix Pyrastrana*, *Hüb. To.* t. 20, f. 124, 1801.

*Tortrix fulvana*, *Schiff. ? (W. V.)* 128, 1776.

*Lozotænia fulvana*, *Step. (C.)* ii. 170, 1829.

*Tortrix Gerningiana*, *Haw. L. B.* 428, 1812.

♀. *Tortrix congenerana*, *Hüb. To.* t. 47, f. 295, 1822.

*Tortrix oporana*, *Haw. L. B.* 427, 1812.

*Lozotænia oporana*, *Step. H.* iv. 75, 1834. *Wood, I. E.* 131, t. 29, f. 860.

*Lozotænia Rosana*, *Step. H.* iv. 75, 1834. *Wood, I. E.* 131, t. 29, f. 861, ♂.

Var. *a. Lozotænia fuscana*, *Step. (C.)* ii. 170, 1829.

*Lozotænia Rosana*, ♀, *Wood, I. E.* t. 29, f. 861.

Var.? *b. Tortrix vulpisana*, *H.-Schaff. S. To.* t. 5, f. 34.

12. *LOZOTÆNIA ROBORANA*. The Oak Hook-tipped T. B. M.

*Tortrix Roborana*, *Hüb. To.* t. 20, f. 126, 1801.

*Lozotænia Roborana*, *Step. H.* iv. 77, 1834. *Wood, I. E.* 131, t. 29, f. 864.

*Tortrix piceana*, *Fröl. T. W.* 31, 1828.

*Tortrix Xylosteana*, var., *Treit. S.* viii. 56, 1830.

♂. *Tortrix Roborana*, *Hüb. To.* t. 20, f. 126, 1801.

♀. *Tortrix Cratægana*, *Hüb. To.* t. 17, f. 107, 1801.

*Lozotænia Cratægana*, *Step. H.* iv. 75, 1830.

*Lozotænia Branderiana*, *Step. (C. ii.)* 170, 1829). *Wood, I. E.* 131, t. 29, f. 862.

13. *LOZOTÆNIA XYLOSTEANA*. The Forked Red-bar. B. M.

*Phalæna-To. Xylosteana*, *Lin. S. Nat.* i. 531, 1758.

*Lozotænia Xylosteana*, *Step. H.* iv. 76, 1830. *Wood, I. E.* 131, t. 29, f. 863.

♀. *Tortrix Characterana*, *Hüb. To.* t. 20, f. 125, 1801.

Var. *a.* *Tortrix obliquana*, *Haw. L. B.* 421, 1812.

*Lozotænia obliquana*, *Step. H.* iv. 27, 1834. *Wood, I. E.* 131, t. 29, f. 865.

*Tortrix cinnamomea*, ♀ ? *Doub. (L.)* 21, 1850).

14. *LOZOTÆNIA ROSANA*. The Rose T. B. M.

*Phalæna-To. Rosana*, *Lin. S. Nat.* i. 530, 1758.

*Tortrix lævigana*, *Schiff. (W. V.)* 129, 1776).

*Lozotænia lævigana*, *Step. H.* iv. 74, 1834. *Wood, I. E.* 130, t. 29, f. 857.

♂. *Phalæna-To. Avellana*, *Lin. S. Nat.* i. 531, 1758.

*Pyrallis variana*, *Fab. M.* ii. 231, 1787.

*Tortrix Acerana*, *Hüb. To.* t. 19, f. 118, 1801.

♀. *Tortrix Oxyacanthana*, *Hüb. To.* t. 18, f. 117, 1801.

Var. ♂. *Phalæna Ameriana*, *Lin. S. Nat.* i. 531, 1758.

Var. *a.* *Tortrix Viburnana*, *Haw. L. B.* 435, 1812.

Var. *b.* *Tortrix Branderiana*, *Haw. L. B.* 424, 1812.

Var. *c.* *Tortrix fuscana*, *Haw. L. B.* 424, 1812.

Var. *d.* *Tortrix Rosana*, *Haw. L. B.* 424, 1812.

*Lozotænia nebulana*, *Step. H.* iv. 74, 1834. *Wood, I. E.* 130, t. 29, f. 858.

## 15. LOZOTÆNIA SEMIALBANA. The Scorched Oblique-bar.

*Tortrix semialbana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 139, 1845.

*Id. Mi.* 5.

*Tortrix Modeeriana*, *Haw. L. B.* 423, 1812.

*Lozotænia Modeeriana*, *Step. H.* iv. 78, 1834. *Wood, I. E.* 132, t. 30, f. 868.

*Tortrix consimilana*, *Treit. S.* viii. 75, 1830.

*Tortrix croceana*, *Cur. Ann. & M. Nat. Hist.* 2 Ser. v. 110, 1850.

## c. PHILEDONE.

*Philedone*, p., *Hüb. V.* 389, 1816.

## 16. LOZOTÆNIA COSTANA. The Straw Oblique-bar.

B. M.

*Tortrix costana*, *Schiff. (W. V.)* 127, 1776).

*Lozotænia costana*, *Step. H.* iv. 78, 1834. *Wood, I. E.* 132, t. 29, f. 866.

*Tortrix Gnomana*, *Hüb. To.* t. 21, f. 131, 1801.

*Phalæna Betulana*, *Don. B. I.* xi. 26, t. 369, f. 2, 1806.

♀. *Pyralis costana*, *Fab. M.* ii. 227, 1787.

Var. a. *Tortrix vinculana*, *Treit. S.* viii. 74, 1830.

## d. NEPHODESME.

*Nephodesme*, p., *Hüb. V.* 290, 1816.

## 17. LOZOTÆNIA BRANDERIANA. The Branderian T.

B. M.

*Phalæna-To. Branderiana*, *Lin. S. Nat.* i. 531, 1758.

*Phalæna-To. fuscana*, *Clerck, Ic.* t. 4, f. 7, 1759.

*Tortrix maurana*, *Hüb. To.* t. 19, f. 122, 1801.

*Pœcilochroma maurana*, *Step. H.* iv. 141, 1834. *Wood, I. E.* 152, t. 34, f. 1033.

Var. a. *Tortrix viduana*, *Dup. L. F.* ix. 493, t. 262, f. 1, 1834.

*Tortrix Donzelana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 140, 1845.  
*Id. (Mi.)* 6).

## 5, (361). DICHELIA.

*Dichelia*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 141, 1845). *Id.*  
(*Mi.* 7).

*Epagoge*, p., *Hüb.* V. 389, 1816.

## 1. DICHELIA GROTIANA. The Grotian T. B. M.

*Pyralis Grotiana*, *Fab. Sp. I. Sup.* ii. 508, 1781.

*Lozotænia Grotiana*, *Step. H.* iv. 79, 1834. *Wood, I. E.* 132,  
t. 30, f. 871.

*Tortrix flavana*, *Hüb. To.* t. 21, f. 133, 1801.

Var. *a.* *Lozotænia ochreana*, *Step. H.* iv. 80, 1834. *Wood, I. E.*  
132, t. 30, f. 872.

## 6, (362). AMPHISA.

*Amphisa*, *Curt. B. E.* v. fo. 109, 1829.

*Amphysa*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 141, 1845). *Id.*  
(*Mi.* 7).

*Philedone*, p., *Hüb.* V. 389, 1816. *Step. H.* iv. 81, 1834.

## 1. AMPHISA GERNINGIANA. The Gerningian T. B. M.

*Tortrix Gerningiana*, *Schiff. (W. V.)* 318, 1776).

*Amphisa Gerningiana*, *Step. (C.)* ii. 172, 1829).

*Philedone Gerningiana*, *Step. H.* iv. 82, 1834. *Wood, I. E.*  
133, t. 30, f. 876.

*Tortrix pectinana*, *Hüb. To.* t. 17, f. 108, 1801.

## 2. AMPHISA PRODROMANA. The Early T.

*Tortrix prodromana*, *Hüb. Lyr. To.* iv. *Gen. B.* c, f. 2, a—c.

*Amphisa Walkerana*, *Cur. B. E.* v. t. 209, 1828. *Step. H.* iv.  
82, 1834.

*Tortrix lunana*, *Thunb. I. S.* 24, 1784.

## 7, (363). CENECTRA.

*Cenectra*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 142, 1845). *Id.*  
(*Mi.* 8).

*Sparganothis*, p., *Hüb.* V. 386, 1816.

*Cenophthira*, *Dup. C.* 288, 1846.

*Ænectra*, *Doub. (L.)* 21, 1850).



1. *ÆNECTRA PILLERIANA*.\* The Vine T.

*Tortrix Pilleriana*, *Schiff.* (*W. V.* 126, 1776). *Step. H.* iv. 396, 1835.

*Pyralis Pillerana*, *Fab. E. S.* iii. 2, 251, 1794.

*Pyralis Vitis*, *Bosc. Mem. S. Agri.* 22, t. 4, f. 6, 1786.

*Pyralis Vitana*, *Fab. E. S.* iii. 2, 249, 1794.

*Tortrix luteolana*, *Hüb. To.* t. 21, f. 136, 1801. *Wood, I. E.* 242, t. 52, f. 1677.

*Pyralis Danticana*, *Walkan. Ann. E. S. Fr.* v. 275, 1836.

*Xanthosetia luteolana*, *West. & H. M.* ii. 179, t. 91, f. 16, 1844.

8, (364). *SARROTHRIPA*.

*Sarrothripa*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 136, 1845.) *Id.* (*Mi.* 2).

*Sarrothripus*, *Curt. B. E.* i. 29, 1825.

*Axia*, *Hüb. V.* 395 (non 249), 1816.

*Penthina A.*, *Treit. E. S.* viii. 22, 1830.

1. *SARROTHRIPA REVAYANA*. The Large Marbled T. B. M.

*Tortrix revayana*, *Schiff.* (*W. V.* 130, 1776).

*Pyralis rivagana*, *Fab. M.* ii. 233, 1786.

*Sarrothripa rewayana*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 136, 1845).

Var. *a.* *Pyralis Ilicana*, *Fab. S. I.* 283, 1781.

*Sarrothripus Ilicanus*, *Step. H.* iv. 147, 1834.

*Sarrothripus Afzelianus*, *Wood, I. E.* 154, t. 35, f. 1045.

Var. *b.* *Tortrix punctana*, *Hüb. To.* t. 2, f. 9, 1801.

Var. *c.* *Tortrix ramosana*, *Hüb. To.* t. 2, f. 10, 1801.

Var. *d.* *Sarrothripus Stonanus*, *Cur. (G.)* iii. 203, 1837. *West. & H. M.* ii. 152, t. 91, f. 17, 1844.

*Tortrix ramosana*, *Dup. L. F. Sup.* iv. 119, t. 60, f. 5, 1842.

Var. *e.* *Sarrothripus ramulanus*, *Curt. B. E.* i. t. 2, 29, 1824. *Step. H.* iv. 147, 1834.

Var. *f.* *Phalæna-To. Afzeliana*, *Gmel. ? S. N.* v. 2518, 1788.

*Sarrothripus Afzelianus*, *Step. H.* iv. 147, 1834.

*Sarrothripus Ilicanus*, *Wood, I. E.* 154, t. 34, f. 154, 1833.

Var. *g.* *Phalæna-To. Lathamiana*, *Gmel. ? S. N.* v. 2518, 1788.

*Sarrothripus Lathamianus*, *Step. H.* iv. 146, 1834.

*Phalæna Ilicana*, *Don. ? B. I.* x. 85, t. 357, f. 2, 1801.

- Var. *h.* *Tortrix dilutana*, *Hüb. To.* t. 2, f. 6, 1801.  
*Sarrothripus dilutanus*, *Step. H.* iv. 146, 1834.
- Var. *i.* *Sarrothripus dilutanus*, *Wood, I. E.* 153, t. 34, f. 1043.  
*Sarrothripus Ilicanus*, *Wood, I. E.* 153, t. 34, f. 1044.
- Var. *j.* *Tortrix undulana*, *Hüb. To.* t. 2, f. 7, 1801.  
*Sarrothripus undulanus*, *Step. H.* iv. 146, 1834. *Wood, I. E.* 153, t. 34, f. 1041.
- Var. *k.* *Tortrix degenerana*, *Hüb. To.* t. 2, f. 8, 1801.  
*Sarrothripus degeneranus*, *Step. H.* iv. 146, 1834. *Wood, I. E.* 153, t. 34, f. 1040.
- Var. ? *l.* *Phalæna bifasciana*, *Don. B. I.* x. 86, t. 357, f. 3, 1801.

## 9, (365). OXIGRAPHA.

- Oxigrapa*, *Hüb. V.* 386, 1816.  
*Leptogramma*, *Cur. (G.)* 173, 1831). *Id. B. E.* x. fo. 440, 1833.

## a. OXIGRAPHA.

- Oxigrapa*, *Hüb. V. ut supra.*  
*Glyphiptera*, *A., Dup. L. F.* xi. 123, 1834.  
*Phloiophila* (*Gen. Coleop.* 1830), *Dup. L. F.* xi. 19, 1834.

## 1. OXIGRAPHA LITERANA. The Sprigged Green T. B. M.

- Phalæna-To. literana*, *Lin. S. Nat.* i. 530, 1758.  
*Tortrix literana*, *Hüb. To.* t. 15, f. 89, 90, 1801.  
*Leptogramma literana*, *Wood. I. E.* 161, t. 36, f. 1098.
- Var. *a.* *Pyralis Romanana*, *Fab. M.* ii. 234, 1787.  
*Tortrix literana*, *Hüb. To.* t. 15, f. 88, 1801.  
*Oxigrapa notulana*, *Hüb. (V.)* 386, 1816).  
*Leptogramma literana*, var., *Step. H.* iv. 164, 1834.
- Var. *b.* *Tortrix asperana*, *Schiff. (W.)* V. 130, 1776).  
*Pyralis squamana*, *Fab. S. E.* 651, 1775.  
*Phalæna squamana*, *Don. B. I.* v. 51, t. 157, f. 7, 1796.  
*Leptogramma squamana*, *Step. H.* iv. 164, 1834.  
*Tortrix squamulana*, *Hüb. To.* t. 15, f. 93, 94, 1801.
- Var. *c.* *Tortrix squamulana*, *Hüb. To.* t. 15, f. 95, 1801.
- Var. *d.* *Tortrix irrorana*, *Hüb. To.* t. 15, f. 96, 1801.  
*Leptogramma irrorana*, *Step. H.* iv. 165, 1834. *Wood, I. E.* 161, t. 36, f. 1100.

- Var. *e.* *Tortrix tricolorana*, *Haw. L. B.* 188, 1812.  
*Leptogramma tricolorana*, *Step. H.* iv. 165, 1834. *Wood, I. E.* 161, t. 36, f. 1101.
- Var. *f.* *Oxigrapha ærugana*, *Hüb. (V.* 386, 1816).  
*Leptogramma fulvomixtana*, *Step. (C.* ii. 188, 1829). *Id. H.* iv. 166, 1834. *Wood, I. E.* 161, t. 36, f. 1102.
- Var. *g.* *Tortrix suavana*, *H.-Schæff. ? S. To.* t. 1, f. 1.

## 2. OXIGRAPHA SCOTANA. The Scotch T.

*Leptogramma Scotana*, *Guén. MSS. teste Doub. (L.* 21, 1850).

## 3. OXIGRAPHA SCABRANA. The Gray Rough-wing. B. M.

*Pyrallis scabrana*, *Fab. Sp. I.* ii. 284, 1781.  
*Acleris scabrana*, *Step. H.* iv. 163, 1834.  
*Leptogramma scabrana*, *Wood, I. E.* 160, t. 36, f. 1097, 1833.  
*Glyphiptera Ulmana*, *Dup. ? L. Fr.* xi. 138, t. 242, f. 7, 1834.  
*Leptogramma Parisiana*, *Guén. ? Ann. E. S. Fr.* 2 Ser. iii. 142, 1845.

## b. APHANIA.

*Aphania*, *Hüb. V.* 386, 1816.

## 4. OXIGRAPHA BOSCAN. The Boscan T. B. M.

*Pyrallis Boscana*, *Fab. E. S.* iii. b, 269, 1794. \*

*Acleris Cerusana*, *Step. H.* iv. 162, 1834.  
*Paramesia Cerusana*, *Wood, I. E.* 160, t. 36, f. 1096, 1813.

Var. *a.* *Tortrix Cerusana*, *Hüb. To.* t. 11, f. 63, 1801.

## 10, (366). PERONEA.

*Peronea*, *Curt. B. E.* i. fo. 16, 1825.  
*Teras †††, Guén. (Ann. E. S. Fr.* 2 Ser. iii. 145, 1845). *Id. (Mi.* 11).

## a. ECLECTIS.

*Eclectis*, *Hüb. V.* 385, 1816.

## 1. PERONEA CRISTANA. The Button T.

B. M.

*Tortrix cristana*, *Schiff. (W. V.)* 129, 1776.

Var. *a.* *Pyralis cristana*, *Fab. M.* ii. 233, 1787.

*Peronea cristana*, *Step. H.* iv. 152, 1834. *Wood, I. E.* 156, t. 35, f. 1060.

*Pyralis Ehippana*, *Fab. E. S. Sup.* 479, 1798.

*Peronea Lefeburiana*, *Dup. L. F.* xi. 163, t. 244, f. 6, 1834.

Var. *b.* *Peronea alboflammana*, *Cur. l. c. infra.* *West. & H. M.* ii. 158, t. 94, f. 3, 1844.

Var. *c.* *Tortrix albipunctana*, *Haw. MSS.* *Step. (C. ii.* 185, 1829).

Var. *d.* *Peronea albipuncta*, *Cur. l. c. infra.*

*Peronea albipunctana*, *Step. H.* iv. 152, 1834. *Wood, I. E.* 156, t. 35, f. 1061.

Var. *e.* *Peronea ruficostana*, *Cur. B. E.* i. t. 16, 1824. *Step. H.* iv. 153, 1834.

Var. *f.* *Peronea subvittana*, *Step. (C. ii.* 185, 1829). *Id. H.* iv. 152, 1834. *Wood, I. E.* 156, t. 35, f. 1059.

Var. *g.* *Peronea Capuzina*,\* *Johns. Ann. N. H.* 1842. *Desv. Zool.* iii. 841, 1845.

*Peronea Capucina*, *West. & H. M.* ii. 162, t. 95, f. 16, 1814.

Var. *h.* *Peronea subcapuzina*, *Desv. Zool.* 842, 1845.

Var. *i.* *Peronea Curtisana*, *Desv. Zool.* 842, 1845.

Var. *j.* *Peronea insulana*, *Cur. l. c. supra.* *Desv. Zool.* 843, 1845. *West. & H. M.* ii. 156, t. 93, f. 6, 1844.

Var. *k.* *Peronea combustana*, *Dup. L. F.* xi. 157, t. 244, f. 2, 1834.

Var. *l.* *Peronea xanthovittana*, *Desv. Zool.* 841, 1845.

Var. *m.* *Pyralis Rossiana*, *Fab. E. S.* iii. b, 259, 1798.

Var. *n.* *Pyralis profanana*, *Fab. E. S.* iii. b, 268, 1798.

*Peronea profanana*, *Step. H.* iv. 149, 1834. *Wood. I. E.* 154, t. 35, f. 1047.

*Peronea unicolorana*, *Desv. Zool.* 841, 1845.

Var. *o.* *Pyralis Desfontianana*, *Fab. E. S.* iii. b, 268, 1798.

*Peronea Desfontianana*, *Step. H.* iv 150, 1834. *Wood, I. E.* 155, t. 35, f. 1054.

Var. *p.* *Tortrix sericana*, *Hüb. To.* t. 14, f. 83, 1801.

- Var. *g.* *Peronea consimilana*, *Step.* (C. ii. 185, 1829). *Id.* H. iv. 150, 1834. *Wood, I. E.* 155, t. 35, f. 1053.
- Var. *r.* *Peronea Lichenana*, *Cur. B. E. l. c. supra.*
- Var. *s.* *Peronea albiovittana*, *Step.* (C. ii. 185, 1829). *Id.* H. iv. 151, t. 36, f. 2. 1834). *Wood, I. E.* 155, t. 35, f. 1056.
- Var. *t.* *Peronea fulvocristana*, *Step.* (C. ii. 185, 1829). *Id.* H. iv. 151, 1834. *Wood, I. E.* 155, t. 35, f. 1055.
- Var. *u.* *Peronea Tolana*, *Desv.* (Zool. 842, 1845).
- Var. *v.* *Tortrix spadiceana*, *Haw. L. B.* 412, 1812.  
*Peronea spadiceana*, *Step.* H. iv. 150, 1834. *Wood, I. E.* 155, t. 35, f. 1052.
- Var. *w.* *Peronea substriana*, *Step.* (C. ii. 185, 1829). *Id.* H. iv. 149, 1834. *Wood, I. E.* 154, t. 35, f. 1049.
- Var. *x.* *Peronea brunneana*, *Step.* (C. 185, 1829). *Id.* H. iv. 149, 1834. *Wood, I. E.* 154, t. 35, f. 1050.  
*Peronea brunnea*, *Cur.* (G. ii. Col. 203, 1837).
- Var. *y.* *Peronea vittana*, *Step.* (C. ii. 185, 1829). *Id.* H. iv. 150, 1834. *Wood, I. E.* 154, t. 35, f. 1051.
- Var. *z.* *Peronea Chantana*, *Cur. B. E. l. c. supra.* *West. & H. M.* ii. 156, t. 93, f. 4, 1844.
- Var. *aa.* *Phalæna cristalana*, *Don. B. I.* iii. t. 77, f. 1, 2, 1794.  
*Peronea cristalana*, *Step.* H. iv. 152, 1834.
- Var. *bb.* *Peronea fulvovittana*, *Step.* (C. ii. 185, 1829). *Id.* H. iv. 151, 1834. *Wood, I. E.* 155, t. 35, f. 1055.
- Var. *cc.* *Peronea subcristalana*, *Cur. B. E. l. c. supra.* *West. & H. M.* ii. 155, t. 93, f. 1, 1844.
- Var. *dd.* *Peronea sequana*, *Cur. B. E. l. c. supra.*
- Var. *ee.* *Tortrix striana*, *Haw. L. B.* 413, 1812.  
*Peronea striana*, *Step.* H. iv. 149, 1834. *Wood, I. E.* 154, t. 35, f. 1048.
- Var. *ff.* *Peronea fulvostriana*, *Desv. Zool.* 843, 1845.
- Var. *gg.* *Peronea assimilana*, *Step. MSS.*
- Var. *hh.* *Peronea semiustana*, *Cur. B. E. l. c. supra.*
- Var. *ii.* *Peronea Bentleyana*, *Cur. B. E. l. c. supra.* *West. & H. M.* ii. 14, t. 92, f. 5, 1844.

## 2. PERONEA HASTIANA. The Sham Button T.

B. M.

*Phalæna*-To. *Hastiana*, *Lin. Clerck, Ic.* t. 2, f. 7, 1759.

Var. *a.* *Tortrix scabrana*, *Schiff. (W. V.* 130, 1776).

*Pyralis elevana*, *Fab. M.* ii. 234. 1787.

Var. *b.* *Peronea obsoletana*, *Step.* H. iv. 156, 1834. *Wood, I. E.* 157, t. 35, f. 1074.

- Var. *c.* *Tortrix scabrana*, *Hüb. To.* t. 10, f. 58, 1801.  
*Tortrix sparsana*, *Fröl. ? T. W.* 20, 1828.
- Var. *d.* *Tortrix sponsana*, *Schiff. (W. V.* 129, 1776).  
*Pyrallis sponsana*, *Fab. ? M.* ii. 225, 1787.
- Var. *e.* *Tortrix aquilana*, *Hüb. To.* t. 37, f. 235, 1813.
- Var. *f.* *Tortrix radiana*, *Hüb. To.* 28, f. 177, 1801.  
*Peronea radiana*, *Step. H.* iv. 154, 1834. *Wood, I. E.* 156, t. 35, f. 1065.
- Var. *g.* *Peronea strigana*, *Step. (C.* ii. 185, 1829).
- Var. *h.* *Peronea divisana*, *Step. H.* iv. 153, t. 34, f. 1, 1834.
- Var. *i.* *Peronea ramostriana*, *Step. (C.* ii. 186, 1829). *Id. H.* iv. 154, 1834. *Wood, I. E.* 156, t. 35, f. 1066.
- Var. *j.* *Tortrix centrovittana*, *Haw. MSS.*  
*Peronea centrovittana*, *Step. H.* iv. 154, 1834. *Wood, I. E.* 156, t. 35, f. 1067.
- Var. *k.* *Tortrix Mayrana*, *Hüb. To.* t. 53, f. 335, 1836.
- Var. *l.* *Tortrix albistriana*, *Haw. L. B.* 412, 1812.  
*Peronea albistriana*, *Step. H.* iv. 155, 1834. *Wood, I. E.* 157, t. 35, f. 1069.
- Var. *m.* *Tortrix combustana*, *Hüb. To.* t. 37, f. 234, 1813.  
*Peronea combustana*, *Step. H.* iv. 154, 1834. *Wood, I. E.* 157, t. 35, f. 1068.
- Var. *n.* *Peronea subcristana*, *Step. (C.* ii. 186, 1829). *Id. H.* iv. 155, 1834. *Wood, I. E.* 157, t. 35, f. 1071.
- Var. *o.* *Tortrix autumnana*, *Hüb. ? To.* t. 39, f. 247, 1814.  
*Peronea autumnana*, *Step. H.* iv. 155, 1834. *Wood, I. E.* 157, t. 35, f. 1070.
- Var. *p.* *Peronea leucopheana*, *Bentley. West & H. M.* ii. 158, t. 94, f. 7, 1844.
- Var. *q.* *Teras sparsana*, *Treit. S.* viii. 257, 1830.  
*Tortrix Hastiana*, *Fröl. T. W.* 23, 1828.
- Var. *r.* *Tortrix coronana*, *Thunb. I. S.* 18, t. 2, fig. 1791.  
*Peronea coronana*, *Step. H.* iv. 156, 1834. *Wood, I. E.* 157, t. 35, f. 1072.  
*Tortrix eximiana*, *Haw. L. B.* 413, 1812.
- Var. *s.* *Tortrix Byringerana*, *Hüb. To.* t. 10, f. 61, 1801.  
*Eclectis Bollingerana*, *Hüb. (V.* 385, 1816).
- Var. *t.* *Tortrix Buringerana*, *Hüb. To.* t. 34, f. 216, 1812.
- Var. *u.* *Peronea Byringerana*, *Step. H.* iv. 156, 1834. *Wood, I. E.* t. 35, f. 1073.

## b. LOPAS.

Lopas, *Hüb. V.* 384, 1816.

## 3. PERONEA UMBRANA. The Dark-streaked Button T. B. M.

*Tortrix umbrana*, *Hüb. To.* t. 10, f. 69, 1801.

*Peronea umbrana*, *Step. H.* iv. 353, 1834. *Wood, I. E.* 156, t. 35, f. 1063.

*Glyphiptera radiana*, *Dup. L. F.* xi. 246, t. 243, f. 6, 1834.

## 4. PERONEA MACCANA. The Marbled Button T.

*Tortrix maccana*, *Treit. ? E. S.* x. iii. 133, 1835.

*Peronea marmorana*, *Bentley, MSS.* *West. & H. M.* ii. 159, t. 94, f. 9, 1844.

## 5. PERONEA RUFANA. The Bay-streak T. B. M.

*Tortrix rufana*, *Schiff. (W. V.)* 129, 1776.

*Teras lucidana*, *Treit. E. S.* viii. 260, 1830.

*Tortrix lucidana*, *H.-Schæff. S. To.* t. 3, f. 20.

*Tortrix densana*, *Frey. N. B.* i. 175, t. 18, f. 4, 1833.

*Peronea crassana*, *Dup. L. F. Supp.* iv. 138, t. 61, f. 9, 10, 1842.

Var. *a.* *Peronea albicostana*, *Step. (C.)* ii. 186, 1829). *Id. H.* iv. 158, 1834. *Wood, I. E.* 158, t. 35, f. 1079.

Var. *b.* *Tortrix bistriana*, *Haw. L. B.* 399, 1812.

*Peronea bistriana*, *Step. H.* iv. 157, 1834. *Wood, I. E.* 158, t. 35, f. 1078.

*Peronea crassana*, *Dup. L. F. l. c.*, t. 61, f. 10.

Var. *c.* *Peronea similana*, *Step. (C.)* ii. 186, 1829). *Id. H.* 158, 1834. *Wood, I. E.* 158, t. 35, f. 1080.

Var. *d.* *Peronea Lorquiniana*, *Dup. ? L. F.* xi. 165, t. 244, f. 7, 1834.

*Depressaria atomella*, *Wood, I. E.* t. 38, f. 1181, 1836.

## c. ACALLA.

*Acalla*, p., *Hüb.* V. 383, 1816.

## 6. PERONEA LIPSIANA. The Kindred T.

*Tortrix Lipsiana*, *Schiff.* (*W.* V. 129, 1776). *Hüb.* ? *To.* t. 28, f. 180, 1801.

*Tortrix Lipsiana*, *H.-Schæff.* *S.* *To.* t. 3, f. 18.

*Teras Hæmyliana*, *Guén. teste Doub.* (*L.* 21, 1850). (*Proc.* var. ?)

## d. ACLERIS.

*Acleris*, p., *Hüb.* V. 384, 1816.

## 7. PERONEA ? FAVILLACEANA. The Ash-coloured T. B. M.

*Tortrix favillaceana*, *Hüb.* *To.* t. 11, f. 62, 1801.

*Peronea favillaceana*, *Step. H.* iv. 156, 1834. *Wood, I. E.* 157, t. 35, f. 1075.

Var. a. *Tortrix reticulana*, *Haw. L. B.* 409, 1812.

*Peronea reticulana*, *Step. H.* iv. 157, 1834. *Wood, I. E.* 158, t. 35, f. 1077.

Var. b. *Tortrix tristana*, *Haw. L. B.* 410, 1812.

*Peronea tristana*, *Step. H.* iv. 157, 1834. *Wood, I. E.* 158, t. 35, f. 1076.

Var. c. *Teras lividana*, *Treit. (E. S. x. 3, 136, 1835).*

## 8. PERONEA ? SCHALLERIANA. The Schallerian T. B. M.

*Phalæna-To. Schalleriana*, *Lin. F.* ii. No. 1339, 1761.

*Peronea Schalleriana*, *Step. H.* iv. 159, 1834.

*Peronea rufana*, *Wood, I. E.* 159, t. 36, f. 1086.

Var. a. *Tortrix Schalleriana*, *Hüb. To.* t. 46, f. 288, 1822.

*Tortrix latifasciana*, *Haw. L. B.* 414, 1812. *West. & H. M.* ii. 159, t. 94, f. 10, 1844.



## 9. PERONEA? COMPARANA. The Red Triangle T. B. M.

*Tortrix comparana*, *Hüb. To.* t. 46, f. 284, 1822.

*Tortrix rufana*, *Haw. L. B.* 417, 1812.

*Peronea rufana*, *Step. H.* iv. 160, 1834.

Var. *a.* *Peronea costimaculana*, *Step. (C. ii.* 187, 1829). *Id. H.* iv. 160, 1834. *Wood, I. E.* 159, t. 36, f. 1087.

Var. *b.* *Acleris costimaculana*, *West. & H. M.* ii. 163, t. 96, f. 1, 1844.

Var.? *c.* *Pyralis laterana*, *Fab. E. S.* iii. b, 264, 1794.

## 10. PERONEA? CALEDONIANA. The Caledonian T.

*Peronea Caledoniana*, *Bentley, MSS. (teste Doub. L.* 22, 1850).

*Peronea boreana*, —? *MSS.*

## 11. PERONEA? PERMUTANA. The Buff Rough Wing. B. M.

*Glyphiptera permutana*, *Dup. L. F.* xi. 499, t. 262, f. 4, 1835.

## 12. PERONEA? VARIEGANA. The Rough Wing. B. M.

*Tortrix variegana*, *Schiff. (W. V.* 130, 1776). *Haw. L. B.* 414, 1812.

*Peronea variegana*, *Step. H.* iv. 160, 1834. *Wood, I. E.* 159, t. 36, f. 1089.

Var. *a.* *Tortrix variegana*, *Schiff. l. c. supra.*

*Tortrix cristana*, *Hüb. To.* t. 10, f. 55. 1801.

Var. *b.* *Tortrix Osbeckiana*, *Thunb. I. S.* 19, fig. adj. 1784.

*Pyralis Abildgaardana*, *Fab. E. S.* iii. b, 274, 1798.

Var. *c.* *Pyralis asperana*, *Fab. G. M.* 292, 1777.

*Peronea asperana*, *Step. H.* iv. 160, 1834. *Wood, I. E.* 159, t. 36, f. 1088.

*Tortrix nyctemerana*, *Hüb. To.* t. 38, f. 240, 1813.

*Tortrix variegana*, *Fröl. T. W.* 20, 1828.

Var. *d.* *Tortrix Borana*. *Haw. L. B.* 415, 1812.

*Peronea Borana*, *Step. H.* iv. 161, 1834. *Wood, I. E.* 159, t. 36, f. 1090.

Var. *e.* *Peronea cirrana*, *Cur. (G. ii.* 202, 1837).

*Peronea variegana*, *West. & H. M.* ii. t. 95, f. 12, 1844.

Var.? *f.* *Peronea albana*,\* *West. & H. M.* ii. 162, t. 95, f. 17, 1844.

## 13. PERONEA? TRISTANA. The Protean T.

B. M.

*Tortrix tristana*, *Hüb. To.* t. 9, f. 50, 1801.*Acleris Logiana*, *Hüb. (V. 384, 1816).**Teras Proteana*, var., *Guén. Ann. E. S. Fr. 2 Ser. iii. 146, 1845.*Var. *a.* *Tortrix Logiana*, *Hüb. To.* t. 34, f. 217, 1812.*Lopas falsana*, *Hüb. (V. 384, 1816).**Tortrix Germarana*, *Fröl. ? T. W. 24, 1828.*Var. *b.* *Peronea trigonana*, *Step. (C. ii. 127, 1829).* *Id. H. iv. 159, 1834.* *Wood, I. E. 159, t. 36, f. 1084.*Var. *c.* *Tortrix Logiana*, *Schiff. (W. V. 1776).* *Hüb. To. t. 11, f. 64, 1801.**Peronea Logiana*, *Step. H. iv. 161, 1834.* *Wood, I. E. 160, t. 36, f. 1091.*Var. *d.* *Tortrix Boscana*, *Haw. L. B. 415, 1812.**Peronea Boscana*, *Step. H. iv. 159, 1834.* *Wood, I. E. 158, t. 36, f. 1083.*Var. *e.* *Tortrix plumbosana*, *Haw. L. B. 415, 1812.**Peronea plumbosana*, *Step. H. iv. 158, 1834.* *Wood, I. E. 158, t. 36, f. 1082.**Pyralis plumbeana*, *Fab. ? M. ii. 225, 1787.*Var. ? *f.* *Peronea semirhombana*, *Cur. ? (G. ii. 202, 1837).*Var. *g.* *Peronea Fagana*, *Cur. ? (G. ii. 202, 1837).*

## 11, (367). PARAMESIA.

*Paramesia*, *Step. (C. ii. 187, 1829).**Acleris*, p., *Hüb. (V. 384, 1816).**Acleris*, *Step. H. iv. 161, 1834.**Glyphiptera*, D. p., *Dup. L. F. xi. 135, 1834.**Teras* ††††, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 146, 1845).* *Id. (Mi. 12).*

## 1. PARAMESIA SHEPHERDANA. The Shepherdian T.

B. M.

*Paramesia Shepherdana*, *Step. MSS.**Phalæna rufana*, *Scop. ? E. C. 235, No. 591, 1763.*

2. *PARAMESIA FERRUGANA*. The Rusty Rough Wing T. B. M.

*Tortrix ferrugana*, *Schiff.* (*W. V.* 128, 1776).

*Tortrix tripunctana*, *Hüb. To.* t. 20, f. 129, 1801.

*Acleris triana*, *Hüb.* (*V.* 384, 1816).

*Tortrix gnomana*, *Haw. L. B.* 417, 1812.

*Acleris gnomana*, *Step. H.* iv. 162, 1834.

*Paramesia gnomana*, *Step. (C. ii.)* 187, 1829). *Wood, I. E.* 160, t. 36, f. 1093.

*Tortrix ochreana*, *Fröl. ? T. W.* 25, 1828.

*Teras Proteana*, *Guén. Ann. E. S. Fr. 2 Ser. iii.* 145, 1845.

Var. *a.* *Tortrix rufana*, *Hüb. To.* t. 20, f. 127, 1801.

*Tortrix tripunctulana*, *Haw. L. B.* 417, 1812.

*Acleris tripunctulana*, *Step. H.* iv. 163, 1834.

*Paramesia tripunctulana*, *Step. (C. ii.)* 187, 1829). *Wood, I. E.* 160, t. 36, f. 1094.

Var. *b.* *Tortrix bifidana*, *Haw. L. B.* 417, 1812.

*Acleris bifidana*, *Step. H.* iv. 163, 1834.

*Paramesia bifidana*, *Step. (C. iv.)* 187, 1829). *Wood, I. E.* 160, t. 36, f. 1095.

Var. *c.* *Tortrix brachiana*, *Frey. N. B.* i. 175, t. 18, f. 2, 1833.

*Pyalis approximana*, *Fab. ? E. S. Sup.* 478, 1798.

*Teras æstivana*, *Guén. olim, vide Mi.* 13, 1845.

Var. *d.* *Phalæna notana*, *Don. B. I.* xi. 27, t. 369, f. 3, 1806.

3. *PARAMESIA ASPERSANA*. The Red Rough Wing T.

*Tortrix adpersana*, *Hüb. ? To.* t. 41, f. 259, 1814.

*Acleris aspersana*, *West. & H. M.* ii. 163, t. 96, f. 2, 3, 1844.

*Tortrix ferrugana*, var., *Treit. E. S.* x. 3, 262, 1835.

*Acleris subtripunctulana*, *Step. H.* iv. 162, 1834.

*Parasemia subtripunctulana*, *Step. (C. ii.)* 187, 1829). *Wood, I. E.* 160, t. 36, f. 1092.

12, (368). *CHEIMATOPHILA*.

*Cheimatophila*, *Step. (C. ii.)* 189, 1822). *Id. H.* iv. 172, 1834.

*Sparganothis*, p., *Hüb.* (*V.* 386, 1816).

*Teras†*, p., *Guén. (Ann. E. S. Fr. 2 Ser. iii.)* 143, 1845). *Id. (Mi. 9).*

## 1. CHEIMATOPHILA MIXTANA. The Winter T. B. M.

*Tortrix mixtana*, *Hüb. To.* t. 34, f. 215, 1810.

*Tortrix castaneana*, *Haw. ? L. B.* 410, 1812.

*Cheimatophila castaneana*, *Step. H.* iv. 172, t. 36, f. 3, 1834.

*Wood, I. E.* 163, t. 36, f. 1114, 1835.

Var. *a.* *Tortrix hyemana*, *Haw. L. B.* 412, 1812.

Var. *b.* *Tortrix nigripunctana*, *Step. MSS. olim.*

## 13, (369). TERAS.

*Teras*, *Treit. (E. S.* vii. 233, 1829).

*Teras*, *A., Treit. E. S.* viii. 247, 1830.

*Glyphisia*, *Step. (C. ii.* 188, 1829).

*Phacodia*, t., *Hüb. V.* 384, 1816.

*Peronea*††, *Guén. (Ann. S. E. Fr. 2 Ser.* iii. 140, 1845). *Id.* (*Mi.* 14).

## 1. TERAS CAUDANA. The Notch Wing T. B. M.

*Pyralis caudana*, *Fab. S. E.* 651, 1775.

*Tortrix effractana*, *Hüb. To.* t. 28, f. 175, 1801.

Var. *a.* *Teras caudana*, *Step. H.* iv. 168, 1834.

*Glyphisia caudana*, *Wood, I. E.* 162, t. 36, f. 1106, 1836.

Var. *b.* *Teras effractana*, *Step. H.* iv. 168, 1834.

*Glyphisia effractana*, *Wood, I. E.* 162, t. 36, f. 1105.

Var. *c.* *Pyralis effractana*, *Fröl. T. W.* 27, 1828.

*Phalaena emargana*, *Don. B. I.* iii. 91, t. 106, f. 1, 1795.

Var. *d.* *Pyralis emargana*, *Fab. S. E.* 651, 1775.

*Glyphisia emargana*, *Step. (C. ii.* 188, 1829). *Wood, I. E.* 161, t. 36, f. 1103.

*Teras emargana*, *Step. H.* iv. 167, t. 38, f. 1, 1834.

Var. *e.* *Glyphisia ochracea*, *Step. (C. ii.* 188, 1829).

*Teras ochracea*, *West. & H. M.* ii. 166, t. 97, f. 6, 1844.

Var. *f.* *Tortrix excavana*, *Haw. L. B.* 408, 1812.

*Glyphisia excavana*, *Step. (C. ii.* 188, 1829). *Wood, I. E.* 161, t. 36, f. 1104.

*Teras excavana*, *Step. H.* iv. 167, 1834.

## 14, (370). DICTYOPTERYX.

*Dictyopteryx*, *Step.* (C. ii. 189, 1829). *Id.* H. iv. 163, 1834.  
*Aleimma*, *Hüb. To.* 391, 1816.

## a. PERONEA.

*Peronea*†, *Guén.* (*Ann. S. E. Fr.* 2 Ser. iii. 198, 1845). *Id.*  
 (Mi. 14).

## 1. DICTYOPTERYX CONTAMINANA. The Chequered Pebble T. B.M.

*Tortrix contaminana*, *Hüb. To.* t. 22, f. 142, 1801.

*Dictyopteryx contaminana*, *Step. H.* iv. 169, 1834. *Wood, I.*  
*E.* 162, t. 36, f. 1107.

*Phalæna*-Py. *Xylosteana*, *Haw.* (*Pr.* 32, 1802).

Var. *a.* *Tortrix ciliana*, *Hüb. To.* t. 27, f. 171, 1801.

*Dictyopteryx ciliana*, *Step. H.* iv. 169, 1834.

*Phalæna obscurana*, *Don. B. I.* xii. 40, t. 374, f. 2, 1807.

Var. *b.* *Tortrix rhombana*, *Haw. L. B.* 418, 1812.

*Dictyopteryx rhombana*, *Step. H.* iv, 170, 1834. *Wood, I. E.*  
 162, t. 36, f. 1109.

Var. ? *c.* *Tortrix dimidiana*, *Hüb. To.* t. 48, f. 299, 1828.

## 2. DICTYOPTERYX? ULIGINOSANA.\* The Bog T.

*Dictyopteryx uliginosana*, *Doub.* (L. 22, 1850).

*Bactra uliginosana*, *Bentley, MSS.* *West. & H. M.* ii. 139,  
 t. 87, f. 12, 1844.

*Tortrix atosignana*, *H.-Schæff. S. To.* t. 51, f. 350.

## b. DICTYOPTERYX.

*Dictyopteryx*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 149, 1845).*  
*Id. (Mi. 15).*

## 3. DICTYOPTERYX LÆFLINGIANA. The Læflingian T. B. M.

*Phalæna*-To. Læflingiana, *Lin. S. Nat. i. 531, 1758.*

*Dictyopteryx* Læflingiana, *Step. H. iv. 170, 1834. Wood, I. E. 162, t. 36, f. 1111.*

Var. *a.* *Tortrix* plumbana, *Hüb. To. t. 9, f. 54, 1801.*

*Dictyopteryx* plumbana, *Step. H. iv. 170, 1834. Wood, I. E. 162, t. 36, f. 1110.*

*Aleimma* Ameriana, *Hüb. (V. 391, 1816).*

Var. *b.* *Tortrix* ectypana, *Hüb. To. t. 30, f. 190, 1801.*

## 4. DICTYOPTERYX FORSKALEANA. The Forskalian T. B. M.

*Phalæna*-To. Forskaleana, *Lin. S. Nat. i. 531, 1758.*

*Dictyopteryx* Forskaleana, *Step. H. iv. 171, 1834.*

*Dictyopteryx* Forskaliana, *Wood, I. E. 163, t. 36, f. 1112, 1836.*

## 15, (371). CROESIA.

*Croesia*, *Hüb. V. 392, 1816.*

*Dictyopteryx*††, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 149, 1845).*  
*Id. (Mi. 15).*

## a. LOZOTÆNIA.

*Lozotænia*, p., *Step. (C. ii. 171, 1829).*

## 1. CROESIA HOLMIANA. The Holmian T. B. M.

*Phalæna*-To. Holmiana, *Lin. S. Nat. i. 532, 1758.*

*Lozotænia* Holmiana, *Step. H. iv. 81, 1834. Wood, I. E. 133, t. 30, f. 874.*

## b. ARGYROTOZA.

Argyrotoza, p., *Step.* (C. ii. 189, 1829).

## 2. CROESIA BERGMANNIANA. The Bergmannian T. B. M.

Phalæna-To. Bergmanniana, *Lin. S. Nat.* i. 532, 1758.

Argyrotoza Bergmanniana, *Step. H.* iv. 173, 1834. *Wood, I. E.* 163, t. 36, f. 1115.

Tortrix Boscana, *Hüb. To.* t. 22, f. 137, 1801.

## 16, (372). ARGYROTOZA.

Argyrotoza, *Step.* (C. ii. 189, 1829). *Id. H.* iv. 173, 1834.

Croesia, p., *Hüb. V.* 392, 1816.

## 1. ARGYROTOZA CONWAYANA. The Conwayian T. B. M.

Pyrallis Conwayana (Conwagana), *Fab. S. E.* 653, 1775.

Argyrotoza Conwayana, *Step. H.* iv. 174, 1834. *Wood, I. E.* 163, t. 37, f. 1117.

Tortrix Hofmanseggiana, *Hüb. To.* t. 24, f. 150, 1801.

Tortrix Spixiana, *Fröl. T. W.* 76, 1828.

Var. a. Tortrix Hofmanseggiana, *Haw. L. B.* 406, 1812.

Argyrotoza Hoffmanseggiana, *Step. H.* iv. 174, 1834. *Wood, I. E.* 163, t. 36, f. 1116.

Var. b. Argyrotoza subaurantiana, *Step.* (C. ii. 190, 1829). *Id. H.* iv. 175, 1834. *Wood, I. E.* 163, t. 37, f. 1118.

## 17, (373). PTYCHOLOMA.

Ptycholoma, *Step.* (C. ii. 183, 1829). *Id. H.* iv. 141, 1834.

Panoplia, p., *Hüb. V.* 393, 1816.

## 1. PTYCHOLOMA LECHEANA. The Lechean T. B. M.

Phalæna-To. Lecheana, *Lin. S. Nat.* i. 531, 1758.

Ptycholoma Lecheana, *Step. H.* iv. 142, 1834. *Wood, I. E.* 152, t. 34, f. 1034.

Var. a. Ptycholoma obsoletana, *Step. H.* iv. 142, 1834. *Wood, I. E.* 153, t. 34, f. 1035.

## 18, (374). EULIA.

*Eulia*, *Hüb.* V. 392, 1816.

*Lophoderus*, *Step.* (C. ii. 184, 1829). *Id.* H. iv. 143, 1834.

*Rhyacionia*, p., *Hüb.* V. 379, 1816.

*Lozotænia*, p., *Guén.* (Mi. 6, 1845).

## 1. EULIA MINISTRANA. The Yellow-barred Iron T. B. M.

*Phalæna*-*To. ministrana*, *Lin. S. Nat.* i. 531, 1758.

*Lophoderus ministranus*, *Step.* H. iv. 144, 1834. *Wood, I. E.* 153, t. 34, f. 1038.

*Tortrix ferrugana*, *Hüb. To.* t. 10, f. 56, 1801.

Var. a. *Lophoderus subfascianus*, *Step.* (C. ii. 184, 1829). *Id.* H. iv. 144, 1834. *Wood, I. E.* 153, t. 34, f. 1039.

Var. b. *Tortrix ferrugana*, *Dup. L. F.* xi. 478, t. 261, f. 2, 1835.

## Sub.-Fam. III. PENTHINIDI.

*Penthinidi*, *Guén.* (Ann. E. S. Fr. 2 Ser. iii. 151, 1845). *Id.* (Mi. 17).

## 19, (375). BRACHYTÆNIA.

*Brachytænia*, *Step. MSS.*

*Ditula*, *Guén.* (Ann. E. S. Fr. 2 Ser. iii. 151, 1845). *Id.* (Mi. 17).

*Pædisca*, p., *Cur. B. E.* xii. fo. 571, 1835.

## a. BRACHYTÆNIA.

*Brachytænia*, *Step. ut supra.*

## 1. BRACHYTÆNIA SEMIFASCIANA. The Short-barred Gray T. B. M.

*Tortrix semifasciana*, *Haw. L. B.* 431, 1812.

*Ditula semifasciana*, *Step.* H. iv. 86, 1834. *Wood, I. E.* 134, t. 30, f. 885.

*Tortrix acutana*, *Treit. E. S. Sup.* x. 3, 68, 1835.

*Sericoris elutana*, *Dup. L. F.* xi. 530, t. 264, f. 1, 1836.



## b. APHANIA.

Aphania, p., *Hüb. V.* 386, 1816.

[B. M.]

## 2. BRACHYTÆNIA HARTMANNIANA. The Short-barred White T.

Phalæna-To. Hartmanniana, *Lin. P. F.* ii. 346, No. 1322, 1761.

Tortrix lineana, *Schiff. (W. V.)* 131, 1776).

Tortrix scriptana, *Hüb. To. t.* 17, f. 110, 1801.

Ditula scriptana, *Step. H.* iv. 86, 1834. *Wood, I. E.* 134, t. 30, f. 884.

## 20, (376). ANTITHESIA.

Antithesia, *Step. (C.)* ii. 172, 1829). *Id. H.* iv. 86, 1834.

Penthina B., *Treit. E. S.* viii. 24, 1834.

Penthina, *Guén. (Ann. E. S. Fr. 2 Ser. iii.)* 151, 1845). *Id. (Mi.)* 17).

## a. APOTOMIS.

Apotomis, *Hüb. V.* 380, 1816.

## 1. ANTITHESIA CORTICANA. The Marbled Long-cloak T. B. M.

Tortrix corticana, *Hüb. To. t.* 3, f. 13, 1801.

Antithesia corticana, *Step. H.* iv. 87, 1834. *Wood, I. E.* 135, t. 30, f. 886.

Apotomis turbidana, *Hüb. (V.)* 380, 1816).

Tortrix picana, *Fröl. T. W.* 49, 1828.

Penthina Capræana, *Dup. L. F.* xi. t. 245, f. 4, b, 1834.

Penthina Hartmanniana, var., *Treit. E. S. Sup. x.* 3, 46, 1835.

Penthina picana, *Guén. (Ann. E. S. Fr. 2 Ser. iii.)* 151, 1845).

## 2. ANTITHESIA BETULÆTANA. The Birch Long-cloak T. B. M.

Tortrix Betulætana, *Haw. L. B.* 432, 1812.

Antithesia Betulætana, *Step. H.* iv. 87, 1834. *Wood, I. E.* 134, t. 30, f. 887.

Penthina Capræana, *Dup. L. F.* xi. t. 245, f. 4, a, 1834.

Penthina leucomelana, *Guén. Ann. E. S. Fr. 2 Ser. iii.* 152, 1845. *Id. Mi.* 18.

3. *ANTITHESIA CAPREANA*. The Sallow Long-cloak T. B. M.  
*Tortrix Capreana*, *Hüb. To. t. 40, f. 250, 1814.*

4. *ANTITHESIA OCHROLEUCANA*. The Ochreous Long-cloak T. [B. M.  
*Tortrix ochroleucana*, *Hüb. To. t. 48, f. 304, 1828.*  
*Penthina Gentianana*, ♂, *Dup. L. F. xi. t. 245, f. 7, 1834.*  
*Antithesia tripunctata*, *Wood, I. E. 134, t. 30, f. 888.*

5. *ANTITHESIA PRÆLONGANA*. The Narrow-winged Long-cloak T.  
*Penthina prælongana*, *Guén. Ann. E. S. Fr. 2 Ser. iii. 152, 1845. Id. Mi. 18.*  
*Tortrix Betulætana*, *H.-Schæff. S. To. t. 35, f. 251.*

6. *ANTITHESIA SORORCULANA*. The Allied Long-cloak T.  
*Penthina sororculana*, *Zett. F. L. 977, 1840.*

7. *ANTITHESIA CYNOSBATELLA*. The Rose Long-cloak T. B. M.  
*Phalæna-Ti. Cynosbatella*, *Lin. S. Nat. i. 536, 1758. Don. B. I. x. t. 355, f. 3, 1801.*  
*Tortrix tripunctana*, *Haw. L. B. 432, 1812.*  
*Antithesia tripunctana*, *Step. H. iv. 88, 1835.*  
*Tortrix pœcilana*, *Fröl. T. W. 49, 1828.*  
*Tortrix variegana*, *Hüb. To. t. 3, f. 14, 1801.*  
*Penthina variegana*, *Guén. Ann. E. S. Fr. 2 Ser. iii. 152, 1845. Id. Mi. 18. (non W. V.)*  
 Var. *a.* *Tortrix nubiferana*, *Haw. L. B. 431, 1812.*  
*Spilonota nubiferana*, *Step. H. iv. 91, 1834. Wood, I. E. 135. t. 30, f. 896.*

8. *ANTITHESIA PRUNIANA*. The Lesser Long-cloak T. B. M.  
*Tortrix Pruniana*, *Hüb. To. t. 3, f. 15, 1801.*  
*Antithesia Pruniana*, *Step. H. iv. 88, 1834. Wood, I. E. 135, t. 30, f. 890.*  
*Phalæna-To. fasciana*, *Lin. P. F. ii. 342, No. 1304, 1761.*  
 Var. *a.* *Antithesia pullana*, *Wood, I. E. 135, t. 30, f. 891, 1835.*

## 9. ANTITHESIA DIMIDIANA. The Dotted Long-cloak T. B. M.

*Penthina dimidiana*, *Treit. E. S. Sup.* x. 3, 46, 1835.

*Penthina ochromelana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 152, 1845. *Id. Mi.* 18.

Var. *a.* *Penthina atropunctana*, *Zett. F. L.* 977, 1840.

*Penthina* ? *Weaverana*, *Dale, MSS. (Zool.* iii. 847, 1845).

## 10. ANTITHESIA SAUCIANA.\* The Dark Long-cloak T.

*Tortrix sauciana*, *Hüb. To.* t. 48, f. 305, 1828.

## 11. ANTITHESIA GREVILLANA. The Grevillian Long-cloak T.

*Penthina Grevillana*, *Cur. B. E.* xii. t. 567, 1835.

## b. ENDOTHENIA.

*Endothenia*, *Step. MSS.*

## 12. ANTITHESIA SELLANANA. The Dingy-marbled T.

*Tortrix sellana*, *Hüb. To.* t. 52, f. 331, 1835.

*Tortrix pullana*, *Haw. L. B.* 434, 1812.

*Antithesia pullana*, *Step. H.* iv. 88, 1834.

## 13. ANTITHESIA GENTIANANA. The Gentian T.

B. M.

*Tortrix Gentianæana*, *Hüb. P. To.* t. 3, f. 12, 1801.

*Tortrix Gentianæana*, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 30, f. 894.

*Penthina Gentianana*, *Hüb. (V.* 380, 1816).

## 14. ANTITHESIA MARGINANA. The Bordered Long-cloak T. B. M.

*Penthina sellana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 153, 1845.

*Penthina sauciana*, *Dup. L. F.* xi. 501, t. 262, f. 5, 1835.

♂. *Tortrix marginana*, *Haw. L. B.* 433, 1812.

*Antithesia marginana*, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 30, f. 892.

♀. *Tortrix oblongana*, *Haw. L. B.* 433, 1812.

*Antithesia oblongana*, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 40, f. 893.

## C. SPILONOTA.

Spilonota, *Step. H.* iv. 96, 1834.

## 15. ANTITHESIA USTULANA. The Scorched Blunt-wing T.

*Tortrix ustulana*, *Haw. L. B.* 467, 1812.

*Spilonota ustulana*, *Step. H.* iv. 96, 1834. *Wood, I. E.* 137, t. 31, f. 912.

## 21, (377). PENTHINA.

*Penthina*, *Treit. E. S.* vii. 227, 1829.

*Pendina* (*Penthina*) t. *Treit. l. c. supra.*

*Hedya*, p., *Hüb. V.* 380, 1816.

*Antithesia* B., *Step. H.* iv. 89, 1834.

*Antithesia*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 153, 1845).* *Id.* (*Mi.* 19).

## 1. PENTHINA SALICELLA. The White-back T.

B. M.

*Phalæna-Ti. Salicella*, *Lin. S. Nat.* i. 536, 1758.

*Antithesia Salicella*, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 30, f. 895.

## Sub-Fam. IV. SPILONOTIDI.

*Spilonotidi*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 154, 1845).* *Id.* (*Mi.* 20).

## 22, (378). PARDIA.

*Pardia*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 155, 1845).* *Id.* (*Mi.* 21).

*Epiblema*, p., *Hüb. V.* 376, 1816.

1. *PARDIA TRIPUNCTANA*. The Black-cloaked T. B. M.

*Tortrix tripunctana*, Schiff. (*W. V.* 131, 1776).

*Tortrix ocellana*, Hüb. *To.* t. 4, f. 18, 1801.

*Tortrix Cynosbana*, Haw. *L. B.* 430, 1812.

*Spilonota Cynosbatella*, Step. *H.* iv. 91, 1834. Wood, *I. E.* 136, t. 30, f. 897.

## 23, (379). SPILONOTA.

*Spilonota*, Step. (*C.* 173, 1829). *Id. H.* iv. 90, 1834.

*Penthina B.*, p., Treit. *S.* viii. 24, 1830.

## a. HEDYA.

*Hedya*, p., Hüb. *V.* 380, 1816.

## 1. SPILONOTA ROBORANA. The Brown-cloaked T. B. M.

*Tortrix Roborana*, Schiff. (*W. V.* 131, 1776).

*Tortrix aquana*, Hüb. *To.* t. 4, f. 17, 1801.

*Spilonota aquana*, Step. *H.* iv. 91, 1834. Wood, *I. E.* 136, t. 30, f. 898.

*Spilonota Cynosbana*, Guén. *Ann. E. S. Fr.* 2 Ser. iii. 155, 1845. *Id. Mi.* 21.

## 2. SPILONOTA ROSÆCOLANA. The Rose Brown-cloak T.

*Spilonota Rosæcolana*, Doub. (*L.* 23, 1850). *Id. Zool.* viii. App. 106, 1850.

## 3. SPILONOTA TRIMACULANA. The Triple Blotched T. B. M.

*Tortrix trimaculana*, Haw. *L. B.* 442, 1812.

*Spilonota trimaculana*, Step. *H.* iv. 91, 1834. Wood, *I. E.* 136, t. 30, f. 899.

*Aspidia Cynosbana*, Dup. *L. F.* xi. t. 245, f. 1, 1834.

*Penthina suffusana*, Köllar, *Isis*, 211, 1846.

*Tortrix suffusana*, H.-Schæff. *S. To.* t. 25, f. 178.

## 4. SPILONOTA AMÆNANA. The Pretty Short-cloak T.

*Penthina amænana*, *Dup. L. F. Sup.* iv. 422, t. 84, f. 3, 1843.

*Tortrix amænana*, *Hüb. ? To.* t. 39, f. 248, 1814.

*Spilonota amænana*, *Doub. (L.* 23, 1850).

## 5. SPILONOTA NEGLECTANA. The Neglected Short-cloak T. B. M.

*Penthina neglectana*, *Dup. L. F. Sup.* xi. 509, t. 89, f. 3, 1845.

*Tortrix sociana*,  $\beta.$ , *Haw. L. B.* 434, 1812.

*Spilonota dealbana*, var., *Guén. (Ann. E. S. Fr. 2 Ser.* iii. 155, 1845). *Id. (Mi.* 21).

## 6. SPILONOTA DEALBANA. The White Short-cloak T. B. M.

*Tortrix dealbana*, *Fröl. T. W.* 51, 1828.

*Penthina minorana*, *Treit. E. S.* viii. 43, 1830.

*Tortrix incarnana*, *Haw. L. B.* 435, 1812.

*Anticlea sociana*, *Step. H.* iv. 115, 1834. *Wood, I. E.* 144, t. 32, f. 965.

Var. *a.* *Anticlea incarnana*, *Step. H.* iv. 115, 1834. *Wood, I. E.* 144, t. 32, f. 966.

Var. *b.* *Anticlea Paykulliana*, *Wood, I. E.* 144, t. 32, f. 967, 1835.

## 7. SPILONOTA ALNETANA? The Alder Short-cloak T.

*Spilonota Alnetana*, *Guén. ? Ann. E. S. Fr. 2 Ser.* iii. 164, 1845. *Id. Mi.* 20.

## 8. SPILONOTA ACERIANA. The Maple Short-cloak T.

*Pædisca Aceriana*, *Mann, C. 3. Dup. L. F. Sup.* iv. 418, t. 83, f. 12, 1843 (non *Fisch.-v.-R.*).

*Tortrix sociana*, *a.*, *Haw. L. B.* 434, 1812.

## b. NOTOCELIA.

Notocelia, p., *Hüb.* V. 380, 1816.

## 9. SPILONOTA OCELLANA. The Cream Short-cloak T. B. M.

*Tortrix ocellana*, *Schiff.* (*W.* V. 130, 1776).

*Pyrallis luscana*, *Fab. E. S.* iii. b, 255, 1794.

*Tortrix comitana*, *Hüb. To.* t. 3, f. 16, 1801. *Haw. L. B.* 434, 1812.

*Spilota comitana*, *Step. H.* iv. 92, 1834. *Wood, I. E.* 136, t. 30, f. 900.

## c. PHANETA.

*Phaneta*, *Step. MSS.*

## 10. SPILONOTA PAUPERANA. The Early Short-cloak T.

*Tortrix pauperana*, *Parreys, C. H.-Schæff. S. To.* t. 53, f. 374 (non *Fisch.-v.-R.*).

*Tortrix Paykulliana*? *Haw. L. B.* 435, 1812.

*Anticlea Paykulliana*? *Step. H.* iv. 116, 1834.

## Sub-Fam. V. GRAPHOLITHIDI.

*Grapholithidi*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 169, 1845).*  
*Id. (Mi. 35).*

## 24, (380). LITHOGRAPHIA.

*Lithographia*, *Step. MSS.*

*Grapholitha*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 171, 1845).* *Id. (Mi. 37).*

*Grapholitha A.*, p., *Treit. E. S.* viii. 203, 1830.

*Phoxopteris*, *Cur. (G. 170, 1831).*

*Anticlea*, *Step. H.* iv. 113, 1834.

## a. NOTOCELIA.

Notocelia, p., *Hüb.* V. 380, 1816.

## 1. LITHOGRAPHIA PAYKULLIANA. The Paykullian T. B. M.

*Pyralis Paykulliana*, *Fab. M.* ii. 237, 1787.

*Tortrix fimbriana*, *Thunb. I. S.* 44, t. 2, f. 3, 1791.

*Anticlea fimbriana*, *Step. H.* iv. 116, 1834. *Wood, I. E.* 144, t. 32, f. 968, 1835.

*Tortrix sesquilunana*, *Haw. L. B.* 435, 1812.

Var. a. *Tortrix triquetrana*, *Hüb. To.* t. 45, f. 280, 1816. *Id.* t. 53, f. 336, ♀, 1836.

Var. b. *Grapholitha costana*, *Dup. L. F.* xi. 510, t. 263, f. 1, 1836.

## 2. LITHOGRAPHIA NISELLA. The Poplar Blotch-back T. B. M.

*Phalæna-Ti. niseλλα*, *Clerck, Ic.* t. 12, f. 6, 1759.

*Pyralis Bœberana*, *Fab. M.* ii. 239, 1787.

Var. a. *Phalæna Pavonana*, *Don. B. I.* ii. 59, 61, t. 58, f. 3, 1793.

*Steganoptycha Pavonana*, *Step. H.* iv. 107, 1834. *Wood, I. E.* 141, t. 32, f. 941.

*Tortrix Rubiana?* *Haw. L. B.* 450, 1812.

Var. b. *Tortrix silaceana*, *Hüb. To.* t. 31, f. 196, 1801.

Var. c. *Tortrix rhombifasciana*, *Haw. L. B.* 451, 1812.

*Steganoptycha rhombifasciana*, *Step. H.* iv. 108, 1834. *Wood, I. E.* 141, t. 32, f. 944.

Var. d. *Tortrix Bœberana*, *Haw. L. B.* 450, 1812.

*Steganoptycha Bœberana*, *Step. H.* iv. 107, 1834. *Wood, I. E.* 141, t. 32, f. 942.

Var. e. *Tortrix petrana*, *Hüb. To.* t. 33, f. 210, 1805?

*Tortrix cuspidana*, *Haw. L. B.* 451, 1812.

*Steganoptycha cuspidana*, *Step. H.* iv. 107, 1834. *Wood, I. E.* 141, t. 32, f. 943.

Var. f. *Tortrix decorana*, *Hüb. To.* t. 42, f. 265, 1814.

Var. g. *Tortrix stictana*, *Haw. L. B.* 451, 1812.

*Steganoptycha stictana*, *Step. H.* iv. 108, 1834. *Wood, I. E.* 142, t. 32, f. 945.



## 3. LITHOGRAPHIA CINERANA. The Mottled Gray T. B. M.

*Tortrix cinerana*, *Haw. L. B.* 451, 1812.

*Steganoptycha cinerana*, *Step. H.* iv. 108, 1834. *Wood, I. E.* 142, t. 32, f. 946.

[B. M.]

## 4. LITHOGRAPHIA NIGROMACULANA. The Beautiful Marbled T.

*Tortrix nigromaculana*, *Haw. To.* 436, 1812.

*Anticlea nigromaculana*, *Step. H.* iv. 114, 1834. *Wood, I. E.* 144, t. 32, f. 962.

*Tortrix Freyerana*, *Fisch.-v.-R.* 135, t. 51, f. 3, a—c, 1838.

Var. a. *Tortrix albana*, *Haw. L. B.* 436, 1812.

*Anticlea albana*, *Step. H.* iv. 114, 1834. *Wood, I. E.* 144, t. 32, f. 963.

## 5. LITHOGRAPHIA CAMPOLILIANA. The Retuse Marbled T. B. M.

*Tortrix Campoliliana*, *Schiff. (W. V.)* 318, 1776.

*Phalæna subocellana*, *Don. B. I.* xi. 59, t. 380, f. 1, 1806.

*Anticlea subocellana*, *Step. H.* iv. 116, 1834. *Wood, I. E.* 145, t. 32, f. 970.

Var. a. *Tortrix decorana*, *Haw. L. B.* 437, 1812.

*Anticlea asseclana*, *Step. H.* iv. 117, 1834. *Wood, I. E.* 145, t. 32, f. 971.

## b. ASTHENIA.

*Asthenia*, p., *Hüb. V.* 381, 1816.

## 6. LITHOGRAPHIA MINUTANA? The Brindled Marbled T.

*Tortrix minutana*, *Hüb. P. To.* t. 12, f. 73, 1801.

## c. PHIARIS.

*Phiaris*, *Hüb. V.* 381, 1816.

## 7. LITHOGRAPHIA TRIMACULANA. The Elm Marbled T. B. M.

*Phalæna trimaculana*, *Don. B. I.* xi. 25, f. 369, f. 1, 1806.

*Tortrix Mitterbachiana*, *Haw. L. B.* 463, 1812.

*Anticlea Mitterbachiana*, *Step. H.* iv. 117, 1834.

*Grapholitha lithoxylana*, Dup. *L. Fr.* xi. 291, t. 250, f. 7, 1835.

*Grapholita Ulmariana*, Zeller, teste Guén. *Ann. E. S. Fr.* 2. Ser. iii. 171, 1845. *Id.* (Mi. 37).

Var. *a.* *Grapholitha Stannana*, Guén. *olim*, vide Mi. 37.

8. *LITHOGRAPHIA EXCRUCIANA*. The Dingy Red T.

*Lithographia excruciana*, Step. MSS. (An. Pr. var. ?)

9. *LITHOGRAPHIA PENKLERIANA*. The Variable Red T., B. M.

*Tortrix Penkleriana*, Schiff. (*W. V.* 126, 1776).

*Tortrix Mitterbacheriana*, Pz. *F.* 81, f. 23, 1799.

*Tortrix retusana*, Haw. *L. B.* 453, 1812.

*Anchylopera retusana*, Step. *H.* iv. 108, 1834. Wood, *I. E.* 142, t. 32, f. 947.

[B. M.]

10. *LITHOGRAPHIA OBTUSANA*. The Blunt-winged Blotch-back T.

*Tortrix obtusana*, Haw. *L. B.* 453, 1812.

*Anchylopera obtusana*, Step. *H.* iv. 110, 1834. Wood, *I. E.* 142, t. 32, f. 949.

*Phoxopteria derasana*, Dup. *L. F.* xi. 514, t. 263, f. 3, 1836.

*Grapholitha distortana*, Guén. *Ann. E. S. Fr.* 2 Ser. iii. 172, 1845. *Id.* Mi. 38.

♀. *Anchylopera consobrinana*, Cur. (*G.* 169, 1831).

d. *EUDEMIS*.

*Eudemis*, p., Hüb. *V.* 382, 1816.

11. *LITHOGRAPHIA NÆVANA*. The Marbled Single Dot T. B. M.

*Tortrix nævana*, Hüb. *To.* t. 41, f. 261, 1814.

*Tortrix unipunctana*, Haw. *L. B.* 454, 1812.

*Steganoptycha unipunctana*, Step. *H.* iv. 106, 1834. Wood, *I. E.* 141, t. 32, f. 939.

12. *LITHOGRAPHIA GEMINANA*. The Twin-spot Single Dot T.

*Lithographia geminana*, Step. MSS.

*Grapholita dorsivittana*, Zeller ?

## 25, (381). PHLÆODES.

*Phlæodes*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 172, 1845). Id. (Mi. 38).*

*Epinothia*, p. ? *Hüb. V. 377, 1816.*

*Steganoptycha*, p., *Step. (C. iv. 176, 1829). Id. H. iv. 105, 1834.*

## 1. PHLÆODES TETRAQUETRANA. The Single Dot T. B. M.

*Tortrix tetraquetra*, *Haw. L. B. 454, 1812.*

*Steganoptycha tetraquetra*, *Step. H. iv. 105, 1834. Wood, I. E. 141, t. 31, f. 937.*

*Tortrix frutetana*, *Hüb. To. t. 47, f. 393, 394, 1823.*

Var. *a. Tortrix angulana*, *Haw. L. B. 455, 1812.*

*Steganoptycha angulana*, *Step. H. iv. 106, 1834. Wood, I. E. 141, t. 37, f. 938.*

2. PHLÆODES IMMUNDANA. The Angle-barred Single Dot T. <sup>[B. M.]</sup>

*Tortrix immundana*, *Fisch.-v.-R. Mi. 138, t. 53, f. 2, a—d, 1839.*

Var. *a. Tortrix triquetra*, *Haw. L. B. 454, 1812.*

*Steganoptycha triquetra*, *Step. H. iv. 106, 1834. Wood, I. E. 141, t. 32, f. 940.*

## 3. PHLÆODES DEMARNIANA. The Blotched Single Dot T. B. M.

*Tortrix Demarniana*, *Fisch.-v.-R. M. 106, t. 65, f. 3, a b, 1839.*

*Anticlea nævana*, *Step. H. iv. 115, 1834. Wood, I. E. 144, t. 32, f. 964.*

## 4. PHLÆODES CRENANA ? The Notched Single Dot T.

*Tortrix crenana*, *Hüb. ? To. t. 38, f. 242, 1812.*

*Pædisca monachana*, *Fisch.-v.-R. ? M. 139, t. 53, f. 3, a—d, 1834.*

## 26, (382). ANCHYLOPERA.

- Anchylopera, *Step.* (C. ii. 177, 1829). *Id.* H. iv. 109, 1834.  
 Ancyliis, p., *Hüb.* V. 376, 1816.  
 Epicharis, *Hüb.* V. 376, 1816.  
 Phoxopteris, p., *Treit.* (E. S. vii. 232, 1829).  
 Phoxopteryx, *Sodoff.* (*Bull. S. I. Mosc.* 20, 1837). *Guén.*  
*Mi.* 35, 1845.

## a. PHILALCEA.

- Philalcea, t., *Cur. B. E.* xiii. fo. 583, 1836.  
 Anticlea, t., *Step. olim.* (*Vide* H. iv. 113 and 396, 1834).

## 1. ANCHYLOPERA RAMELLA. The Hooked Marble T. B. M.

- Phalæna-Ti. ramella, *Lin.* *P. S. Nat.* i. 540, 1758.  
 Pyralis lactana, *Fab. M.* ii. 229, 1787.  
 Pyralis lætana, *Fab. E. S.* iii. b, 258, 1794.  
 Tortrix harpana, *Hüb. To.* t. 13, f. 77, 1801.  
 Anticlea harpana, *Step. H.* iv. 114, t. 39, f. 1, 1834.

## b. ANCHYLOPERA.

- Anchylopera, *Cur. B. E.* viii. fo. 376, 1831.

## 2. ANCHYLOPERA UPUPANA.\* The Dark Hook-tip T.

- Phoxopteris Upupana, *Treit. E. S. Sup.* x. 3, 127, 1835.  
 Grapholitha ustulana, *Treit. E. S.* viii. 219, 1830.  
 Tortrix ustulana, *H.-Schæff. S. To.* t. 28, f. 5.

## 3. ANCHYLOPERA MITTERBACHERIANA. The Red Hook-tip T. [B. M.]

- Tortrix Mitterbacheriana, *Schiff. (W. V.)* 129, 1776).  
 Tortrix subuncana, *Haw. L. B.* 453, 1812.  
 Anchylopera subuncana, *Step. H.* iv. 109, 1834. *Wood, I. E.*  
 142, t. 32, f. 948.  
 Phoxopteris Penkleriana, *Treit. E. S.* viii. 241, 1830.

## 4. ANCHYLOPERA DIMINUTANA. The Festoon T.

*Tortrix diminutana*, *Haw. L. B.* 452, 1812.

*Anchylopera diminutana*, *Step. H.* iv. 112, 1834. *Wood, I. E.* 143, t. 32, f. 955.

*Phoxopteris cuspidana*, *Treit. E. S.* viii. 236, 1830.

[B. M.]

## 5. ANCHYLOPERA DERASANA. The Hook-tipped Blotch-back T.

*Tortrix derasana*, *Hüb. To.* t. 32, f. 206, 1802?

*Tortrix unculana*, *Haw. L. B.* 453, 1812.

*Anchylopera unculana*, *Step. H.* iv. 110, 1834. *Wood, I. E.* 142, t. 32, f. 950.

## 6. ANCHYLOPERA LUNDANA. The Lundian T.

B. M.]

*Pyrallis Lundana*, *Fab. G. I. M.* 294, 1777.

*Anchylopera Lundana*, *Step. H.* iv. 110, 1834. *Wood, I. E.* 142, t. 32, f. 951.

*Tortrix Corylana*, *Hüb. To.* t. 9, f. 53, 1801.

*Phoxopteris badiana*, *Treit. E. S.* viii. 243, 1830.

## 7. ANCHYLOPERA MYRTILLANA. The Myrtle T.

B. M.]

*Phoxopteris Myrtillana*, *Treit. E. S.* viii. 245, 1830. *Dup. L. F.* xi. 345, t. 253, f. 4, 1834.

*Anchylopera Lyellana*, *Cur. B. E.* viii. fo. 376, 1831. *Step. H.* iv. 111, 1834.

*Anchylopera derasana*, *Step. H.* iv. 111, 1834.

## 8. ANCHYLOPERA COMPTANA. The Delicate Hook-tip T.

*Tortrix comptana*, *Fröl. T. W.* 99, 1828.

*Phoxopteris comptana*, *Dup. L. F. Sup.* iv. 187, t. 66, f. 3, 1843.

## 9. ANCHYLOPERA BIARCUANA. The Double Arched T. B. M.

*Anchylopera biarcuana*, *Step.* (C. ii. 178, 1829).

*Anchylopera cuspidana*, *Step. H.* iv. 113, 1834. *Wood, I. E.* 143, t. 32, f. 959.

*Phoxopterix crenana*, *Dup. L. F.* xi. 334, t. 252, f. 7, 1835.

Var. ?  $\alpha$ . *Anchylopera subarucana*, *Doug. Trans. Ent. So.* v. 21, 1847.

## 10. ANCHYLOPERA UNCANA. The Bridge T. B. M.

*Tortrix uncana*, *Hüb. To.* t. 13, f. 76, 1801.

*Anchylopera uncana*, *Step. H.* iv. 112, 1834.

*Phalæna geminana*, *Don. B. I.* xi. 29, t. 370, f. 1, 1806.

## 11. ANCHYLOPERA UNGUICELLA. The Heath Hook-tip T. B. M.

*Phalæna-Ti. unguicella*, *Lin. S. Nat.* i. 536, 1758.

*Tortrix falcana*, *Hüb. ? To.* t. 13, f. 78, 1801.

*Anchylopera fractifasciana*, *Step.* (C. ii. 178, 1829). *Id. H.* iv. 111, t. 34, f. 3, 1834. *Cur. l. c. supra.* *Wood, I. E.* 143, t. 32, f. 953.

*Phoxopterix ericeana*, *Dup. L. F.* xi. t. 252, f. 9, 1835.

## 12. ANCHYLOPERA SICULANA. The Hook-tipped Streak T. B. M.

*Tortrix siculana*, *Hüb. To.* t. 13, f. 79, 1801.

*Anchylopera siculana*, *Step. H.* iv. 111, 1834. *Wood, I. E.* 143, t. 32, f. 954.

## 27, (383). BACTRA.

*Bactra*, *Step. H.* iv. 125, 1834.

*Aphelia*, *Step.* (C. ii. 180, 1829).

*Leptia* (Gen. Coleop. 1833). *Guén. (Ann. E. S. Fr. 2 Ser.* iii. 169, 1845). *Id. (Mi.* 35).

*Ancylis*, p., *Hüb. V.* 376, 1816.

1. *BACTRA LANCEOLANA*. The Marsh Drab T. B. M.

*Tortrix lanceolana*, *Hüb. To.* t. 13, f. 80, 1801.

Var. *a.* *Tortrix egenana*, *Haw. L. B.* 469, 1812.

*Bactra egenana*, *Step. H.* iv. 124, 1834.

*Aphelia egenana*, *Wood, I. E.* 147, t. 33, f. 990, 1835.

Var. *b.* *Tortrix pauperana*, *Haw. L. B.* 469, 1812.

*Bactra pauperana*, *Step. H.* iv. 125, 1834.

*Aphelia pauperana*, *Wood, I. E.* 147, t. 33, f. 991, 1835.

Var. *c.* *Tortrix egestana*, *Haw. L. B.* 470, 1812.

*Bactra egestana*, *Step. H.* iv. 125, 1834.

*Aphelia egestana*, *Wood, I. E.* 147, t. 33, f. 992, 1835.

Var. *d.* *Tortrix plagana*, *Haw. L. B.* 125, 1812.

*Bactra plagana*, *Step. H.* iv. 125, 1834.

*Aphelia plagana*, *Wood, I. E.* 147, t. 33, f. 993, 1835.

2. *BACTRA NIGROVITTANA*. The Scotch Drab T.

*Bactra nigrovittana*, *Step. MSS.* (Pr. var. ?)

3. *BACTRA FURFURANA*. The Mottled Bran T. B. M.

*Tortrix furfurana*, *Haw. L. B.* 466, 1812.

*Orthotænia furfurana*, *Step. H.* iv. 137, 1834. *Wood, I. E.* 151, t. 34, f. 1024.

*Ablabia fuscana*, *Chant, MSS.*

*Bactra fuscana*, *West. & H. M.* ii. 139, 1844.

*Leptia? Juncana*, *Guén. MSS. teste Doub.* (L. 24, 1850).

## 28, (384). CARTELLA.

*Cartella*, *Guén. olim. Vide (Mi. 40. 1845).*

*Pædisca†*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 174, 1845).*

1. *CARTELLA BILUNANA*. The Double Crescent T. B. M.

*Tortrix bilunana*, *Haw. L. B.* 436, 1812.

*Anticlea bilunana*, *Step. H.* iv. 116, 1834.

*Eupœcilia bilunana*, *Step. (C. ii. 191, 1829).* *Wood, I. E.* 144, t. 32, f. 969.

*Tortrix Cretaceana*, *Fröl. T. W.* 42, 1828.

## 29, (385). HYPERMECIA.

*Hypermezia*, Guén. (*Ann. S. E. Fr.* 2 Ser. iii. 173, 1845)  
*Id.* (*Mi.* 39).

*Panoplia*, t., Hüb. V. 393, 1816.

## 1. HYPERMECIA AUGUSTANA. The Red Cross T. B. M.

*Tortrix augustana*, Hüb. *To.* t. 32, f. 205, 1810.

*Tortrix cruciana*, Haw. *L. B.* 426, 1812.

*Phalæna*-*To. cruciana*, Lin. ? *F.* ii. 347, No. 1333, 1761.

*Lozotænia* ? *cruciana*, Step. *H.* iv. 80, 1834. Wood, *I. E.* 133,  
 t. 30, f. 873.

*Tortrix excæcana*, H.-Schæff. *S.* t. 51, f. 363.

Var. *a.* *Hypermezia Viminana*, Guén. *Ann. E. S. Fr.* 2 Ser. iii. 173,  
 1845. *Id.* *Mi.* 39.

Var. *b.* *Tortrix cruciana*, β., Haw. *L. B.* 426, 1812.

*Lozotænia cinerana*, Step. (*C.* ii. 171, 1829).

Var. *c.* *Tortrix Gyllenhahliana*, Thunb. ? *I. S.* 22, t. adj. 1784.

## 30, (386). DITULA.

*Ditula*, Step. (*C.* ii. 172, 1829). *Id.* *H.* iv. 83, 1834.

*Batodes*, Guén. (*Ann. E. S. Fr.* 2 Ser. iii. 174, 1845). *Id.*  
 (*Mi.* 40).

*Amphisa*, p., vide *Cur. B. E.* xvi. fo. 763, 1839.

## 1. DITULA ANGUSTIORANA. The Red-bar T. B. M.

*Tortrix angustiorana*, Haw. *L. B.* 429, 1812.

*Ditula angustiorana*, Step. *H.* iv. 83, 1834. Wood, *I. E.* 133,  
 t. 30, f. 379, ♀.

*Batodes Dumeriliana*, Guén. *Ann. E. S. Fr.* 2 Ser. iii. 176,  
 1845. *Id.* *Mi.* 40.

Var. ♂. *Tortrix rotundana*, Haw. *L. B.* 429, 1812.

*Ditula rotundana*, Step. *H.* iv. 84, 1834. Wood, *I. E.* 133, t.  
 30, f. 378.



## 31, (387). PÆCILOCHROMA.

- Pæcilochroma*, *Step.* (C. ii. 182, 1829). *Id.* H. iv. 138, 1834.  
*Thirates*, (*Therates*, *Gen. Coleop.* 1817). *Treit.* (E. S. vii. 233, 1829).  
*Pædisca*, p., *Treit.* (E. S. viii. 188, 1830).  
*Paragrapha*, *Sodoff.* (*Bull. S. I. Mosc.* 20, 1837).  
*Pædisca*††, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 174, 1845). *Id.* (*Mi.* 40).

## a. DITULA.

- Ditula*, A, b., *Step.* H. iv. 84, 1834.  
*Epinotia*, p, *Hüb.* V. 377, 1816.

## 1. PÆCILOCHROMA PROFUNDANA. The Oblique-barred T. B. M.

- Tortrix profundana*, *Schiff.* (*W.* V. 132, 1776).  
*Tortrix Wellensiana*, *Hüb. To.* t. 37, f. 237, 1812.  
*Ditula Wellensiana*, *Step.* H. iv. 85, 1834.  
*Ditula Asselana*, *Step.* (C. ii. 172, 1829).  
 Var. a. *Tortrix Porphyra*, *Hüb. P. To.* t. 5, f. 26, 1801.  
*Tortrix Porphyriana*, *Haw. L. B.* 461, 1812.  
*Ditula Porphyra*, *Step.* H. iv. 84, 1834.  
*Pædisca profundana*, *Treit.* E. S. viii. 192, 1830.  
 Var. b. *Phalæna nebulana*, *Don. B. I.* xi. 13, t. 364, f. 3, 1806.  
 Var. c. *Ditula nebulana*, *Step.* H. iv. 85, 1834.  
 Var. c. *Tortrix Æthiopana*, *Haw. L. B.* 462, 1812.  
*Ditula Æthiopana*, *Step.* H. iv. 85, 1834. *Wood, I. E.* 134, t. 30, f. 883.  
 Var. d. *Pædisca Porphyra*, *Dup. L. F.* xi. 548, t. 264, f. 9, 1835.  
 Var. e. *Tortrix aseclana*, *Haw. L. B.* 462, 1812.  
*Ditula Porphyra*, *Wood, I. E.* 133, t. 30, f. 882, 1835.  
 Var. f. *Tortrix sylvana*, *Haw. L. B.* 462, 1812.  
*Ditula sylvana*, *Step.* H. iv. 84, 1834.  
 Var. g. *Ditula nebulana*, *Wood, I. E.* 134, t. 30, f. 881, 1835.  
 Var. h. *Tortrix Alphonsiana*, *Dup. L. F.* xi. 93, t. 239, f. 9, 1834.  
 Var. i. *Glyphiptera nebulna*, *Dup. L. F.* xi. 137, t. 242, f. 6. 1834.

## b. ZEIRAPHERA.

*Zeiraphera*, t., *Cur. B. E.* xv. fo. 711, 1833.

## 2. PÆCILOCHROMA CORTICANA. The Cock's Head T. B. M.

*Tortrix corticana*, *Schiff.* (*W. V.* 131, 1776).

*Pyralis communana*, *Fab.* ? *E. S.* iii. b, 259, 1794.

*Zeiraphera Lichenana*, *Treit.* (*E. S.* vii. 231, 1829).

*Pæcilochroma communana*, *Step. H.* iv 139, 1834. *Wood, I. E.* 152, t. 34, f. 1029.

Var. a. *Pyralis Isertana*, *Fab.* ? *E. S.* iii. b, 281, 1794.

## c. AÇALLA.

*Acalla*, t., *Hüb. V.* 383, 1816.

## 3. PÆCILOCHROMA OPHTHALMICANA. The Black Double-blotched [T. B. M.]

*Tortrix ophthalmicana*, *Hüb. To.* t. 9, f. 51, 1801.

*Pyralis maculana*, *Fab.* ? *E. S.* iii. b, 251, 1794.

*Pæcilochroma maculana*, *Step. H.* iv. 141, 1834. *Wood, I. E.* 152, t. 34, f. 1032.

## 4. PÆCILOCHROMA OPPRESSANA.\* The Obscure Blotch-back T.

*Pædisca oppressana*, *Treit. E. S. Sup.* x. 3, 95, 1835.

*Tortrix oppressana*, *H.-Schæff. S. To.* t. 29, f. 242.

## 5. PÆCILOCHROMA OCCULTANA. The Dingy Blotch-back T.

*Pæcilochroma occultana*, *Dougl. Zool.* iv. 1267, 1268, f. 2, 1846, 3.

*Grapholita Pinicolana*, *Zell. Isis*, 243, 1846, 4.

## 6. PÆCILOCHROMA ? SIGNATANA. The Black-blotched T.

*Sericoris signatana*, *Dougl. Zool.* iii. 844, 1845.

*Grapholita Padana*, *Leinig, teste Zell. Isis*, 243, 1846.

*Tortrix Padana*, *H.-Schæff. S. To.* t. 54, f. 383.

## d. ASTATIA.

Astasia, *Hüb.* V. 377, 1816.

## 7. PÆCILOCHROMA SOLANDRIANA. The Solandrian T. B. M.

Phalæna-To. Solandriana, *Lin. S. Nat.* i. 532, 1758.

Pæcilochroma Solandriana, *Step. H.* iv. 139, 1834. *Wood, I.*  
E. 152, t. 34, f. 1027.

Tortrix semilunana, *Fröl. T. W.* 43, 1828.

Tortrix Parinatana, var., *Fisch.-v.-R.* t. 4, f. u—z, 1834.

Var. a. Pædisca semimaculana, *Dup. L. F.* xi. 371, t. 254, f. 5, 1835.

Var. b. Tortrix semimaculana, *Hüb. To.* t. 9, f. 48, 1801.

## 8. PÆCILOCHROMA BRUNNICHIANA. The Brunnichian T. B. M.

Phalæna-To. Brunnichiana, *Lin. S. Nat.* ii. 880, 1767.

Tortrix trapezana, *Haw. L. B.* 441, 1812.

Pæcilochroma trapezana, *Step. H.* iv. 139, 1834. *Wood. I.*  
E. 152, t. 34, f. 1028, ♂ et ♀.

Pædisca Parmatana, *Fisch.-v.-R.* t. 2, 3, fig. omn. 1834.

Var. a. Pyralis trapezana, *Fab. M.* ii. 228, 1787.

Pæcilochroma trapezana, *Wood, l. c.* ♂.

Var. b. Tortrix Sparmanniana, *Haw. L. B.* 440, 1812.

Pædisca Sparmanniana, *Step. (C.)* ii. 183, 1829.

Var. c. Tortrix Parmatana, *Hüb. To.* t. 40, f. 253, 1814.

Var. d. Tortrix Parinatana, *Hüb. To.* t. 40, f. 254, 1814.

Var. e. Tortrix ratana, *Hüb. To.* t. 37, f. 236, 1812.

Var. f. Pædisca ratana, *Dup. L. F.* xi. 372, t. 254, f. E, 1835.

Var. g. Pædisca sylvana, *Dup. L. F.* xi. 372, t. 254, f. F, 1835.

Var. h. Tortrix sinuana, *Schiff. P (W. V.)* 131, 1766). *Hüb. To.* t. 33, f. 212, 1810.

Var. i. Tortrix vittana, *Cur. P (C.)* 168, 1831).

Var. k. Anchylopera funalana, *Step. (C.)* ii. 178, 1829). *Id. H.* iv. 112, 1834. *Wood, I. E.* 143, t. 32, f. 956.

Var. l. Pædisca Parmatana, var., *Dup. L. F.* xi. 372, t. 254, f. 2, B, 1835.

9. *PÆCILOCHROMA STABILANA*. The Clouded Willow T.*Pæcilochroma stabilana*, *Step. MSS.* (Præc. var.?)10. *PÆCILOCHROMA PICEANA*. The Shining Pitch T. B. M.*Tortrix piceana*, *Haw. L. B.* 440, 1812.*Pæcilochroma piceana*, *Step. H.* iv. 140, 1834. *Wood, I. E.* 152, t. 34, f. 1030.*Tortrix sordidana*, *Hüb. To.* t. 47, f. 292, 1829.*Pæcilochroma sordidana*, *Step. H.* iv. 397, 1835.Var. *a.* *Pæcilochroma sordidana*, var. *Step. l. c.*Var. *b.* *Tortrix semifuscana*, *Haw. MSS.**Pæcilochroma semifuscana*, *Step. H.* iv. 140, t. 36, f. 1, 1834.*Pædisca melaleucana*, *Dup. L. F.* xi. 375, t. 255, f. 2, 1835.

## 32, (388). HALONOTA.

*Halonota*, *Step. MSS.**Pædisca*, p., *Treit. E. S.* viii. 189, 1830.*Ephippiphora*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 173, 1845).**Id. (Mi. 42).* (non *Dup.*)

## a. EPINOTIA.

*Epinotia*, p., *Hüb. V.* 377, 1816.

## 1. HALONOTA BIMACULANA. The Double Blotched T. B. M.

*Phalæna bimaculana*, *Don. B. I.* xiii. 55, t. 459, 1808.*Tortrix similana*, *Hüb. To.* t. 7, f. 41, 1801.*Tortrix Stræmiana*, *Haw. L. B.* 441, 1812.*Spilionota Stræmiana*, *Step. H.* iv. 93, 1834. *Wood, I. E.* 136, t. 31, f. 903.*Tortrix dissimilana*, *Fisch.-v.-R. Mi.* 170, t. 62, f. 2, *a, b*, 1839.

## 2. HALONOTA CIRSIANA. The Lesser Double Blotched T. B. M.

*Pædisca* ? *Cirsiana*, *Zell. teste Doub. (L. 25, 1850).**Tortrix Cirsiana*, *H.-Schæff. S. To.* t. 31, f. 225.*Ephippiphora mortuana*, *Guén. in litt. Doub. l. c.*♀. *Tortrix stictana*, var. *β.*, *Haw. L. B.* 442, 1812.

## b. EPIBLEMA.

Epiblema, p., *Hüb.* (V. 375, 1816).

## 3. HALONOTA SCUTULANA. The Single Blotched T. B. M.

*Tortrix scutulana*, *Schiff.* (W. V. 131, 1776).

*Tortrix profundana*, *Hüb.* <sup>p</sup> *To.* t. 4, f. 21, 1801.

♂. *Tortrix* Pflugiana, *Haw.* L. B. 441, 1812.

*Spilonota Pflugiana*, *Step. H.* iv. 93, 1834. *Wood, I. E.* 136, t. 30, f. 902.

♀. *Tortrix* stictana, var. a., *Haw.* L. B. 442, 1812.

*Pyralis sticticana*, *Fab.* <sup>p</sup> *E. S.* iii. b, 270, 1794.

*Spilonota sticticana*, *Step. H.* iv. 94, 1834. *Wood, I. E.* 137, t. 31, f. 906.

## 4. HALONOTA NOVANA. The Smaller Single Blotched T.

*Ephippiphora novana*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 176, 1845), *teste Doub.* (L. 25, 1850).

## 5. HALONOTA BRUNNICHIANA. The Tawny Blotch-back T. B. M.

*Tortrix Brunnichiana*, *Schiff.* (W. V. 132, 1776).

*Tortrix rusticana*, *Haw.* L. B. 442, 1812.

*Spilonota rusticana*, *Step. H.* iv. 93, 1834. *Wood, I. E.* 137, t. 31, f. 904.

Var. a. *Spilonota quadrana*, *Step. H.* iv. 95, 1834. *Wood, I. E.* 137, t. 31, f. 910.

## 6. HALONOTA TURBIDANA. The Hippopotamus T.

*Pædisca turbidana*, *Treit. E. S. Sup.* x. 3, 98, 1835.

*Ephippiphora turbidana*, *Logan, Zool.* vi. 2034, fig. a, b, 1848.

*Tortrix turbidana*, *H.-Schaff. S. To.* t. 31, f. 229.

## 7. HALONOTA FÆNELLA. The White-foot T. B. M.

*Phalæna*-Ti. *fænella*, *Lin. S. Nat.* ii. 536, 1758.

*Spilonota fænella*, *Step. H.* iv. 92, 1834.

*Tortrix Scopoliæna*, *Schiff. (W. V.* 129, 1776).

*Phalæna interrogationana*, *Don. B. I.* ii. 75, t. 65, f. 1, 1792.

*Tortrix tibialana*, *Hüb. To.* t. 7, f. 40, 1801.

*Ephippiphora fæneana*, *Guén. (Mi.* 42, 1845).

[B. M.]

## 8. HALONOTA TRIGEMINANA. The Triple-streaked Blotch-back T.

*Spilonota trigeminana*, *Step. (C.* ii. 174, 1829). *Id. H.* iv. 94, t. 37, f. 3, 1834. *Wood, I. E.* 137, t. 31, f. 905.

*Ephippiphora pæcilana*, *Guén. MSS. (teste Doub. L.* 25, 1850).

♀. *Spilonota argyrana*, *Step. H.* iv. 95, 1834. *Wood, I. E.* 137, t. 31, f. 908.

## 9. HALONOTA COSTIPUNCTANA. The Lesser Blotch-back T.

*Tortrix costipunctana*, *Haw. L. B.* 443, 1812.

*Spilonota costipunctana*, *Step. H.* iv. 95, 1834. *Wood, I. E.* 137, t. 31, f. 907.

*Grapholitha Gallicolana*, *Heyden, MSS. Zeller, Isis*, 1846.

*Tortrix Gallicolana*, *H.-Schæff. S. To.* t. 24, f. 172.

## 10. HALONOTA TETRAGONANA. The Quadrangular Blotch-back T.

*Spilonota tetragonana*, *Step. (C.* ii. 174, 1829). *Id. H.* iv. 96, 1834. *Wood, I. E.* 137, t. 31, f. 910.

*Ephippiphora luctuosana*, *Dup. L. F.* xi. 326, t. 252, f. 4, 1835.

## c. HEMIMENE.

*Hemimene*, p., *Hüb. (V.* 378, 1816).

## 11. HALONOTA POPULANA. The Pygmy Y T.

*Pyrallis Populana*, *Fab. M.* ii. *App.* 382, 1787.

*Pseudotomia Populana*, *Step. H.* iv. 102, 1834. *Wood, I. E.* 139, t. 31, f. 928.

*Tortrix ephippiana*, *Hüb. To.* t. 39, f. 246, 1814.

## 12. HALONOTA NIGRICOSTANA. The Black-edged Marble T.

*Tortrix nigricostana*, *Haw. L. B.* 438, 1812.

*Spilonota nigricostana*, *Step. H.* iv. 96, 1834. *Wood, I. E.* 137, t. 31, f. 911.

*Pædisca Remyana*, *Kollar, teste Guén. Mi.* 43.

*Pædisca squalidana*, *Treit. MSS. (teste Guén. l. c.)*.

## 13. HALONOTA OBSCURANA. The Faint Blotch-back T.

*Pseudotomia obscurana*, *Step. (C. ii. 175, 1829). Id. H.* iv. 98, 1834. *Wood, I. E.* iv. 138, t. 31, f. 914.

## 33, (389), ANISOTÆNIA.

*Anisotænia*, *Step. MSS.*

*Olindia* (*Olinda*, *Gen. Dipt.*), *Guén. (Ann. S. E. Fr. 2 Ser.* iii. 178, 1845). *Id. (Mi. 44).*

*Eudemis*, p., *Hüb. V.* 382, 1816.

## 1. ANISOTÆNIA ULMANA. The White-barred Elm T.

B. M.

*Tortrix Ulmana*, *Hüb. To.* t. 45, f. 278, 1816.

*Pyrallis Schumacherana*, *Fab. ? M.* ii. 236, 1787.

♀. *Tortrix areolana*, *Hüb. To.* 45, f. 279, 1816.

*Tortrix hastiana*, *Haw. ? L. B.* 462, 1812.

*Orthotænia Hastiana*, *Step. (C. ii. 182, 1829).*

*Rhyaconia ? Hastiana*, *Step. H.* iv. 180, 1834.

*Zeiraphila Hastiana*, *Cur. B. E.* xv. t. 711, 1838.

*Tortrix ? Miltonana*, — *MSS.*

## 34, (390). SEMASIA.

*Semasia*, *Step. (C. ii. 179, 1829). Guén. (Ann. E. S. Fr.* 2 Ser. iii. 178, 1845). *Id. (Mi. 45.)*

*Zeiraphia*, p., *Cur. (G. 168, 1831).*

## a. SEMASIA.

*Semasia*, *Step. ut supra*.

## 1. SEMASIA SPINIANA. The White Triangle T. B. M.

*Grapholitha spiniana*, *Fisch.-v.-R. MSS. Dup. L. F. Sup.*  
iv. 192, t. 66, f. 7, 1842.

*Pseudotomia trigonana*, *Step. (C. ii. 176, 1829)*.

*Pseudotomia Ehippana*? *Step. H. iv. 102, 1834. Wood, I. E.*  
140, t. 31, f. 929.

## b. ASPILA.

*Aspila*, *Step. H. iv. 104, 1834*.

## 2. SEMASIA JANTHINANA. The Purple-shades T. B. M.

*Coccyx Janthinana*, *Dup. L. F. xi. 245, t. 248, f. 1, 1834*.

*Tortrix Lediana*, *Haw. L. B. 459, 1812*.

*Pseudotomia Lediana*, *Step. H. iv. 104, 1834. Wood, I. E.*  
140, t. 31, f. 934.

*Grapholitha incisana*, *Fisch.-v.-R. MSS. ? (non Mi.)*

## 3. SEMASIA RUFILLANA. The Dark Purple-shades T.

*Grapholitha*? *rufillana*, *Zell. in litt. (teste Doub. L. 25, 1850)*.

*Tortrix Lediana*, var., *Haw. L. B. 459, 1812*.

## c. ENARMONIA.

*Enarmonia*, t., *Hüb. (V. 375, 1816)*.

## 4. SEMASIA WÆBERANA. The Wæberian T. B. M.

*Tortrix Wæberana*, *Schiff. (W. V. 126, 1776)*.

*Semasia Wæberana*, *Step. H. iv. 120, 1834. Wood, I. E. 145,*  
t. 33, f. 977.

*Tortrix ornatana*, *Hüb. T. t. 6, f. 32, 1801*.

*Tortrix unguicana*, *Haw. ? (Pr. 33, 1802)*.



## 35, (391). COCCYX.

*Coccyx*, *Treit.* (*E. S.* vii. 230, 1829).

*Strobila*, *Sodoff. Bull.* (*S. I. Mosc.* 19, 1837).

## a. HEMIMENE.

*Hemimene*, p., *Hüb. V.* 377, 1816.

## 1. COCCYX COSMOPHORANA. The Obscure Silver-striped T.

*Grapholitha cosmophorana*, *Treit. E. S. App.* x. 3, 124, 1835.

*Tortrix cosmophorana*, *Ratz. F. I.* ii. 212, t. 14, f. 2, 1840.

## 2. COCCYX STROBILELLA. The Large Dark Silver-striped T. B. M.

*Phalæna-To. Strobilella*, *Lin. S. Nat.* i. 539, 1758.

*Tortrix Strobilana*, *Ratz. F. I.* ii. 218, t. 12, f. 8; t. 13, f. 1, *metam.* 1840.

## 3. COCCYX SPLENDIDULANA. The Cinereous Silver-barred T. B. M.

*Coccyx splendidulana*, *Guén. Ann. F. S. Fr.* 2 Ser. iii. 179, 1845. *Id. Mi.* 45.

*Tortrix Strobilana*, *Haw. L. B.* 448, 1812.

*Pseudotomia Fraternana*, *Step. (C.* ii. 175, 1829). *Wood, I. E.* 138, t. 31, f. 915, 1835.

## 4. COCCYX ARGYRANA. The Light Silver-striped T. B. M.

*Tortrix argyran*, *Hüb. To.* t. 8, f. 46, 1801.

*Tortrix atomargana*, *Haw. L. B.* 446, 1812.

*Pseudotomia atomargana*, *Step. H.* iv. 99, 1834. *Wood, I. E.* 138, t. 31, f. 916.

♀. *Pseudotomia Strobilella*. *Step. H.* iv. 99, 1834.

## 5. COCCYX FINITIMANA. The Bright Silver-barred T.

*Coccyx finitimana*, *Guén. MSS. teste Doub.* (*L.* 25, 1850).

## b. ASTHENIA.

*Asthenia*, p., *Hüb. P. V.* 381, 1816.

## 6. COCCYX PYGMÆANA.\* The Dwarf Silver-striped T.

*Tortrix pygmæana*, *Hüb. P. To.* t. 12, f. 69, 1801.

*Tortrix subsequana*, *Haw. L. B.* 448, 1812

## c. EVETRIA.

*Evetria*, p., *Hüb. V.* 378, 1816.

## 7. COCCYX HYRCINIANA. The Pine Silver-barred T. B. M.

*Pyralis Hyrciniana*, *Uslar. P. H.* 1798.

*Tortrix comitana*, *Schiff. P. (W. V.)* 131, 1776).

*Orthotænia comitana*, *Step. H.* iv. 180, 1834. *Wood, I. E.* 165, t. 37, f. 1131.

*Tortrix piceana*, *Hüb. To.* t. 12, f. 72, 1801.

*Evetria Cembrana*, *Hüb. (V.)* 379, 1816).

*Tortrix Abietana*, *Step. MSS. olim. (Cat. ii.)* 176, 1829).

Var. a. *Tortrix Clausthaliana*, *Ratz. F. I.* ii. 223, t. 12, f. 2, 1840.

Var. b. *Orthotænia distinctana*, *Bentley, Mus.*

*Orthotænia piceana*, *West. & H. M.* ii. 172, t. 99, f. 14, 1844.

## 8. COCCYX USTOMACULANA. The Loch Rannoch T.

*Anchylopera ustomaculana*, *Cur. B. E.* viii. t. 376, 1831.

*Step. H.* iv. 112, 1834.

*Coccyx pellicana*, *Guén. in litt. teste Doub. (L.)* 25, 1850).

## 9. COCCYX NANANA. The Dwarf Pine T.

*Coccyx nanana*, *Kuhlw. teste Treit. E. S. Sup.* x. 3, 80, 1835.

*Sericoris tenebrosana*, *Dougl. Zool.* iv. 1267, f. 3, 1846.

*Coccyx Douglasana*, *Guén. in litt. teste Doub. (L.)* 25, 1850).

## 10. COCCYX VACCINIANA. The Whortleberry T.

*Coccyx Vacciniana*, *Tisch. Man. C.* 2, 1843?

*Sericoris Myrtillana*, *Chant, MSS. (teste West. l. c.)*

*Cnephasia Myrtillana*, *W. P. & H. M.* ii. 146, t. 89, f. 15, 1844.

## 36, (392). HEUSIMENE.

*Heusimene*, *Step. H.* iv. 96, 1834.

## 1. HEUSIMENE FIMBRIANA. The Brown-bordered T.

*Tortrix fimbriana*, *Haw. L. B.* 446, 1812.

*Heusimene fimbriana*, *Step. H.* iv. 97, 1834. *Wood, I. E.* 138, t. 31, f. 913.

## 37, (393). PAMPLUSIA.

*Pamplusia*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 180, 1845).*

*Id. (Mi. 46).*

*Sericoris*, p., *Step. H.* iv. 136, 1834.

## 1. PAMPLUSIA MONTICOLANA. The Faint Silver-striped T.

*Grapholitha Monticolana*, *Mann. V. M. L.* 3, (1843 ?).

*Sericoris?* *subsequana*, *Step. H.* iv. 136, 1834. *Wood, I. E.* 151, t. 34, f. 1021.

## 2. PAMPLUSIA ALTICOLANA. The Mountain Silver-striped T.

*Pamplusia Alticolana*, *Step. MSS. (Pr. var. ?)*

## 38, (394). RETINIA.

*Retinia*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 180, 1845).* *Id. (Mi. 46).*

*Orthotænia*, *Cur. B. E.* iii. fo. 364, 1831.

## a. RHYACIONIA.

*Rhyacionia*, p., *Hüb. V.* 379, 1816.

## 1. RETINIA BUOLIANA. The Silver-striped Orange Spot T. B. M.

*Tortrix Buoliana*, *Schiff. (W. V.* 128, 1776).

*Tortrix Turionana*, *Haw. L. B.* 399, 1812.

*Tortrix gemmana*, *Hüb. To.* t. 43, f. 269, 1816.

*Orthotænia gemmana*, *Step. H.* iv. 178, 1834. *Wood, I. E.* 165, t. 37, f. 1127.

*Tortrix Pallasana*, *Bull. S. I. Mosc.* ii. 72, t. 1, f. 4, 1830, *teste Treit. E. S.* x. 3, 250, 1835.

2. **RETINIA PINICOLANA.** The Orange-spot T. B. M.  
*Retinia Pinicolana*, *Doub.* (*L.* 25, 1850). *Id. Zool.* viii. *App.* 106, 1850.  
*Orthotænia Turionella*, *Cur. B. E.* viii. t. 364, 1831. *Step. H.* iv. 178, 1834.  
 Var.? *a. Tortrix Xylostæana*, *Hüb. To.* t. 24, f. 154, 1801.
3. **RETINIA TURIONELLA.\*** The Pale Orange-spot T.  
*Phalæna-Ti. Turionella*, *Lin. S. Nat.* i. 539, 1758.  
*Tortrix Turionana*, *Ratz. F. I.* ii. 209, t. 14, f. 3, 1840.
4. **RETINIA PINIVORANA.** The Dingy Red-spot T. B. M.  
*Coccyx ? Pinivorana*, *Zell. Isis*, 1846, p. 226.  
*Cnephasia Resinellæ*, *Step. (C.* ii. 181, 1829). *Wood, I. E.* 165, t. 37, f. 1130.  
*Orthotænia Resinellæ*, *Cur. B. E.* viii. fo. 364, 1831. *Step. H.* iv. 179, 1834.  
*Retinia Albionana*, *Guén. in litt. teste Doub.* (*L.* 25, 1850).

## b. EVETRIA.

*Evetria*, p., *Hüb. V.* 378, 1816.

5. **RETINIA SYLVESTRANA.** The Wood Pine T. B. M.  
*Orthotænia ? sylvestrana*, *Cur. A. & M. Nat. Hist.* 2 Ser. v. 111, 1850.  
*Tortrix duplana*, *Hüb. ? To.* t. 36, f. 229, 30, 1812.

## 39, (395). CARPOCAPSA.

*Carpocapsa*, *Treit. (E. S.* vii. 231, 1829). *Id.* viii. 160, 1830.

## a. ENARMONIA.

*Enarmonia*, p., *Hüb. V.* 375, 1816.

1. **CARPOCAPSA SPLENDANA.** The Bright Marble T. B. M.  
*Tortrix splendana*, *Hüb. To.* t. 6, f. 31, 1801.  
*Carpocapsa splendana*, *Step. H.* iv. 119, 1834. *Wood, I. E.* 145, t. 33, f. 975.

## 2. CARPOCAPSA GROSSANA. The Smoky Marble T. B. M.

*Tortrix grossana*, *Haw. L. B.* 438, 1812.

*Carpocapsa grossana*, *Step. H.* iv. 120, 1834. *Wood, I. E.* 145, t. 33, f. 976.

*Tortrix Fagiglandana*, *Heyd.*? *H.-Schæff.*? *S. To.* t. 22, f. 157—160.

## b. CYDIA.

*Cydia*, *Hüb. V.* 375, 1816.

## 3. CARPOCAPSA POMONELLA. The Codling T. B. M.

*Phalæna-Ti. Pomonella*, *Lin. S. Nat.* i. 538, 1758.

*Carpocapsa Pomonella*, *Step. H.* iv. 119, 1834. *Wood, I. E.* 145, t. 33, f. 974.

## 40, (396). OPADIA.

*Opadia*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 182, 1845).* *Id.* (*Mi.* 48).

## 1. OPADIA FUNEBRANA.\* The Plum-tree T.

*Grapholitha funebrana*, *Treit. E. S. Sup.* x. 3, 116, 1835.

*Dup, L. F, Sup.* iv. 193, t. 66. f. 8, 1842.

*Carpocapsa nigricana*, *Köller, Land. Tr.* 232, 1840.

## 41, (397). ENDOPISA.

*Endopisa*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 182, 1845).* *Id.* (*Mi.* 48).

## 1. ENDOPISA NIGRICANA. The Black Striped-edge T. B. M.

*Pyralis nigricana*, *Fab. E. S.* iii. b, 276, 1794.

*Pseudotomia nigricana*, *Step. H.* iv. 101, 1834. *Wood, I. E.* 139, t. 31, f. 925.

*Grapholitha nebritana*, *Treit. E. S.* viii. 209, 1830.

2. *ENDOPISA PROXIMANA*. Pale-brown Striped-edge T.*Tortrix proximana*, *Haw. L. B.* 458, 1812, *et ejus Mus.**Eudopisa Pisana*, *Guén. Ann. E. S. Fr. 2 Ser. iii.* 182, 1845. *Id. Mi.* 48.41, (398). *EPHIPPIPHORA*.*Ephippiphora*, *Dup. L. F.* xi. 22, 1834.*Stigmonota*, *Guén. (Ann. E. S. Fr. 2 Ser. iii.* 132, 1845). *Id. (Mi.* 48).a. *EPIBLEMA*.*Epiblema*, p., *Hüb. V.* 375, 1816.1. *EPHIPPIPHORA GERMARANA*. The Germanian T.*Tortrix Germmana*, *Hüb. To.* t. 8, f. 47, 1801.*Epiblema Germanana*, *Hüb. (V.* 376, 1816).*Tortrix atropurpurana*, *Haw. L. B.* 467, 1812.*Pseudotomia proximana*, *Step. H.* iv. 101, 1834. *Wood, I. E.* 139, t. 31, f. 926.*Grapholitha Tenebrosana*, *Dup. L. F. Supp.* iv. 190, t. 66, f. 5, 1842.2. *EPHIPPIPHORA PUNCTICOSTANA*. The Dotted Border T. B. M.*Pseudotomia puncticostana*, *Step. (C.* ii. 175, 1829). *Id. H.* iv. 102, 1834. *Wood, I. E.* 139, t. 31, f. 927.*Stigmonota immaculana*, *Guén. Ann. E. S. Fr. 2 Ser. iii.* 184, 1845. *Id. Mi.* 50.b. *PAMMENE*.*Pammene*, t., *Hüb. V.* 378, 1816.3. *EPHIPPIPHORA TRAUNIANA*. The Traunian T. B. M.*Tortrix Trauniana*, *Schiff. P. (W. V.* 132, 1776).*Tortrix floricolana*, *Fröl. P. T. W.* 83, 1828. *Hüb. To.* t. 51, f. 325, 1835.*Pseudotomia notata*, *West. & H. M.* ii. 126, t. 83, f. 20, 1834.

## 4. EPHIPPIPHORA REGIANA. The Yellow Blotch-backed T. B. M.

*Grapholitha regiana*, *Zell. Ent. Zeit.* ix. 279, 1849.

*Tortrix Trauniana*, *Haw. L. B.* 444, 1812.

*Pseudotomia Trauniana*, *Step. H.* iv. 103, 1834. *Wood, I. E.* 140, t. 31, f. 930.

Var. *a.* *Tortrix Trauniana*, *Hüb. ? To.* t. 7, f. 38, 1801.

## c. ASPILA.

*Aspila*, *p.*, *Step. H.* iv. 104, 1834.

[B. M.]

## 5. EPHIPPIPHORA NITIDANA. The Small Dark Silver-striped T.

*Pylalis nitidana*, *Fab. E. S.* iii. b, 276, 1794.

*Pseudotomia nitidana*, *Step. H.* iv. 104, 1834. *Wood, I. E.* 140, t. 31, f. 935.

*Stigmonota redimitana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 184, 1845. *Id. Mi.* 50.

*Tortrix parvulana*, *Fröl. ? T. W.* 80, 1828.

## 6. EPHIPPIPHORA WEIRANA.\* The Weirian T.

*Grapholitha Weirana*, *Doug. Zool.* viii. 2806, 1850. *Id. Tr. Ent. Soc.* 2. Ser. *Proc.* i. 8, 1850.

## d. HEMIMENE.

*Hemimene*, *p.*, *Hüb. V.* 378, 1816.

*Euspila*, *Step. H.* iv. 103, 1834.

## 7. EPHIPPIPHORA LATHYRANA? The Dull Blotch-back T.

*Tortrix Lathyrana*, *Hüb. ? To.* t. 33, f. 207, 1810.

*Pseudotomia Strobilella*, *Wood, I. E.* 138, t. 31, f. 917.

[T. B. M.]

## 8. EPHIPPIPHORA COMPOSITELLA. The Triple-striped Blotch-back

*Tinea compositella*, *Fab. S. E.* 663, 1775.

*Pseudotomia compositella*, *Step. H.* iv. 103, t. 37, f. 2, 1834.

*Tortrix composana*, *Haw. L. B.* 447, 1812.

- ♀. *Tortrix Gundiana*, *Hüb. Tb.* t. 8, f. 42, 1801.  
*Pseudotomia Gundiana*, *Step. H.* iv. 103, 1834. *Wood, I. E.*  
 140, t. 31, f. 932.  
 Var. *a.* *Tortrix dorsana*, *Haw. L. B.* 447, 1812.  
*Pseudotomia dorsana*, *Step. H.* iv. 103, 1834. *Wood, I. E.*  
 140, t. 31, f. 933.

9. *EPHIPPIPHORA INTERNANA*. The Dark Crescent T.

*Stigmonota internana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 183,  
 1845. *Id. Mi.* 49.

10. *EPHIPPIPHORA PERLEPIDANA*. The Beautiful Crescent T. B.M.

- Tortrix perlepidana*, *Haw. L. B.* 458, 1812.  
*Carpocapsa perlepidana*, *Step. H.* iv. 122, 1834. *Wood, I. E.*  
 146, t. 33, f. 983.  
*Tortrix Schrankiana*, *Fröl. T. W.* 86, 1828.  
*Ephippiphora dorsana*, *Dup. L. F.* xi. 310, t. 151, f. 7, 1834.  
*Grapholitha?* *Loderana*, *Köller, B. Oe.* ii. 84, 1832.  
 ♀ ? *Ephippiphora Loderana*, *Dup. L. F. Sup.* iv. 411, t. 83, f. 6,  
 1842.

d. *SELANIA*.

*Selania*, *Step. H.* iv. 121, 1834.

11. *EPHIPPIPHORA LEPLASTRIANA*. The Dover T.

*Carpocapsa Leplastriana*, *Cur. B. E.* viii. 2, t. 352, 1831. *Step.*  
*H.* iv. 121, 1834.  
*Ephippiphora Gueriniana*, *Dup. L. Fr.* xi. 512, t. 263, f. 4,  
 1836.

12. *EPHIPPIPHORA HEEGERANA*? \* The Heegerian T.

*Ephippiphora Heegerana*, *Dup. ? L. F. Supp.* iv. 195, t. 66,  
 f. 10, 1833.

13. *EPHIPPIPHORA CONIFERANA*. The Small Crescent T.

*Grapholitha coniferana*, *Saxs.; Ratz. F. I.* ii. 217, t. 12, f. 1,  
 1840.



14. *EPHIPPIPHORA FISSANA*. The Dingy Crescent T.

*Tortrix dorsana*, *Hüb. To.* t. 7, f. 36, 1801.

*Ephippiphora fissana*, *Dup. L. F.* xi. 542, 1836.

*Ephippiphora divisana*, *Dup. L. F.* xi. t. 264, f. 7, 1836.

15. *EPHIPPIPHORA DORSANA*. The Scarce Crescent T.

*Tortrix dorsana*, *Fab. S. E.* 654, 1775.

*Tortrix lunulana*, *Schiff. (W. V.* 127, 1776).

*Tortrix Jungiana*, *Fröl. T. W.* 84, 1828.

*Ephippiphora Jungiana*, *Dup. L. F.* xi. 544, t. 264, f. 8, 1836.

*Pseudotomia concinnana*, *Step. (C. ii.* 135, 1829).

42, (399). *DICHRORAMPHA*.

*Dichrorampha*, *Guén. (Ann. E. S. Fr. 2 Ser. iii.* 185, 1845).

*Id. (Mi.* 51).

*Hemimene*, p., *Hüb. V.* 377, 1816.

1. *DICHRORAMPHA PETIVERELLA*. The Petiverian T. B. M.

*Phalæna-Ti. Petiverella*, *Lin. S. N.* i. 540, 1758.

*Pseudotomia Petiverella*, *Step. H.* iv. 100, 1834. *Wood, I. E.* 138, t. 31, f. 919.

*Tortrix montana*, *Hüb.? To.* t. 7, f. 37, 1801.

Var. *a.* *Pseudotomia lumulana*, *Wood, I. E.* 138, t. 31, f. 920.

Var. *b.* *Pseudotomia sequana*, *Wood, I. E.* 138, t. 31, f. 918.

Var. *c.* *Carpocapsa Stelliferana*, *Cur. B. E.* viii. fo. 352, 1831. *Step. H.* iv. 122, 1834.

2. *DICHRORAMPHA SEQUANA*. The Silver Blotch-back T. B. M.

*Tortrix sequana*, *Hüb. To.* t. 8, f. 44, 1831.

*Pseudotomia sequana*, *Step. H.* iv. 99, 1834. *West. & H. M.* ii. 123, t. 83, f. 6, 1844.

*Tortrix Jacquiniiana*, *Schiff.? (W. V.* 132, 1776).

3. *DICHRORAMPHA POLITANA*. The Shining Blotch-back T. B. M.

*Tortrix politana*, *Schiff. (W. V.* 129, 1776).

*Ephippiphora alpinana*, *Dup. L. F.* xi. 322, t. 252, f. 2, 1836.

*Pseudotomia simpliciana*, *Wood, I. E.* 139, t. 31, f. 921.

4. *DICHRORAMPHA ALPINANA*. The Gold-fringed T.

*Grapholitha alpinana*, *Treit. E. S.* viii. 230, 1830.

*Tortrix Jacquiniana*, *Haw. L. B.* 444, 1812.

*Pseudotomia Jacquiniana*, *Step. H.* iv. 100, 1834. *Wood? I. E.* 139, t. 31, f. 922.

*Grapholitha Questionis*, *Zeller, MSS.*

Var. *a.* *Tortrix strigana*, *Haw. L. B.* 444, 1812.

*Pseudotomia strigana*, *Step. H.* iv. 101, 1834. *Wood, I. E.* 139, t. 31, f. 923.

5. *DICHRORAMPHA SIMPLICIANA*. The Plain Silver-fringed T. B.M.

*Tortrix simpliciana*, *Haw. L. B.* 444, 1812.

*Pseudotomia simpliciana*, *Step. H.* iv. 100, 1834.

*Grapholitha caliginosana*, *Treit. E. S. Sup.* x. 3, 119, 1835.

*Pseudotomia atropurpurana*, *Wood, I. E.* 139, t. 31, f. 924.

*Tortrix Artemisiana*, *Bentley, Zool.* ii. 774, 1844.

*Pseudotomia obscurana*, *West. & H. M.* ii. 125, t. 83, f. 14, 1844.

*Tortrix caliginosana*, *H.-Schæff. S. To.* t. 37, f. 263.

6. *DICHRORAMPHA SENECTANA*. The Dark Silver-fringed T.

*Dichrorampha senectana*, *Guén. Ann. E. S. Fr. 2 Ser.* iii. 185, 1845. *Id. Mi.* 50.

7. *DICHRORAMPHA ACUMINATANA*. The Sharp-winged T.

*Grapholitha acuminatana*, *Zell.? Isis*, 1847.

*Grapholitha caliginosana*, *Dup.? L. F. Sup.* iv. 155, t. 63, f. 4, a, 1842.

*Dichrorampha caliginosana*, *Doub. (L.* 26, 1850).

8. *DICHRORAMPHA SATURNANA*. The Dingy T.

*Dichrorampha saturnana*, *Guén. Ann. E. S. Fr. 2 Ser.* iii. 186, 1845. *Id. Mi.* 52.

9. *DICHRORAMPHA PLUMBAGANA*. The Leaden Fringed T.

*Grapholitha plumbagana*, *Treit. E. S.* viii. 218, 1830.

*Ephippiphora Strobilana*, *Dup. L. F.* xi. 284, t. 250, f. 4, 1835.

10. *DICHRORAMPHA ULICANA*. The Furze T. B. M.

*Dichrorampha Ulicana*, *Guén. Ann. E. S. Fr. 2 Ser.* iii. 185, 1845. *Id. Mi.* 50.

*Grapholitha Zachana*, *Treit. E. S.* viii. 217, 1830. *Dup. L. F.* xi. 282, t. 250, f. 3, 1835.

11. *DICHRORAMPHA CONSORTANA*.\* The Dwarf T.

*Dichrorampha consortana*, *Step. MSS.*

43, (400). *EUCELIS*.

*Eucelis*, *Hüb. V.* 394, 1816.

*Trycheris*, *Guén. (Ann. E. S. Fr. 2 Ser.* iii. 190, 1845). *Id. (Mi.* 56).

*Pammene*, p., *Hüb. V.* 378, 1816.

1. *EUCELIS AURANA*. The Double Orange Spot T. B. M.

*Pyalis aurana*, *Fab. S. E.* 653, 1775.

*Pseudotomia aurana*, *Step. H.* iv. 105, 1834. *Wood, I. E.* 140, t. 31, f. 936.

*Tortrix mediana*, *Schiff. (W. V.* 128, 1776).

*Tinea fulvella*, *Fab. ? E. S.* iii. b. 317, 1794.

*Grapholitha aurantiana*, *Köll. Beyt. & L. Oe.* ii. 84, 1829? *teste Treit. Sup. x.* 3, 256.

44, (401). *HEMEROSIA*.

*Hemerusia*, *Step. MSS.*

*Pyrodes* (Gen. Coleop. 1832), *Guén. (Ann. E. S. Fr. 2 Ser.* iii. 187, 1845). *Id. (Mi.* 53).

*Argyrotoza*, p., *Step. (C.* ii. 190, 1829).

1. *HEMEROSIA RHEEDIELLA*. The Rheedian T. B. M.

*Phalæna-Ti. Rheediella*, *Clerck, Ic.* t. 12, f. 12, 1759.

*Pyalis Daldorfiana*, *Fab. M.* ii. 236, 1787.

*Argyrotoza Daldorfiana*, *Step. H.* iv. 175, 1834. *Wood, I. E.* 164, t. 37, f. 1119.

*Phalæna dimidiata*, *Don. B. I.* xi. 12, t. 364, f. 2, 1806.

*Tortrix aurana*, *Hüb. To.* t. 4, f. 22, 1801.

## 45, (402). GRAPHOLITA.

*Grapholita*, *Step.*

*Grapholitha* A., *Treit.* (*E. S.* vii. 232, 1829).

*Semasia*, p., *Step. olim: vide* (*Cat.* ii. 179, 1829).

*Catoptria* (Gen. *Lepid.* 1816), *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 187, 1845). *Id.* (*Mi.* 53).

## 1. GRAPHOLITA ALBERSANA. The Brown-cloaked T. B. M.

*Tortrix* *Albersana*, *Hüb. To.* t. 35, f. 224, 1812.

*Tortrix* *Rhediana*, *Haw. L. B.* 405, 1812.

*Semasia* *Rhediella*, *Step. H.* iv. 121, 1834. *Wood, I. E.* 146, t. 33, f. 979.

## 2. GRAPHOLITA ULICETANA. The Light Striped-edge T. B. M.

*Tortrix* *Ulicetana*, *Haw. L. B.* 458, 1812.

*Grapholitha* *succedana*, *Treit. E. S.* viii. 211, 1830.

*Semasia* *lanceolana*, *Step. H.* iv. 121, 1834. *Wood, I. E.* 146, t. 33, f. 980.

## 3. GRAPHOLITA ASSECLANA. The Banded Striped-edged T.

*Tortrix* *asseclana*, *Hüb. To.* t. 30, f. 194, 1801.

## 4. GRAPHOLITA JULIANA. Bentley's Marble T. B. M.

*Phoxopteris?* *Juliana*, *Bent. MSS. teste Cur.* (*G.* 170, 1831).

*Philalcea* *Juliana*, *Cur. B. E.* xiii. t. 583, 1836.

*Grapholitha* *nimbana*, *Fisch.-p.-R. MSS.?* (non *Mi.*) *Mann.* C. 3, 1842? *H.-Schæff. S. To.* t. 37, f. 266, 1847?

## 5. GRAPHOLITA HYPERICANA. The Yellow Striped-edge T. B. M.

*Tortrix* *Hypericana*, *Hüb. To.* t. 4, f. 23, 1801.

*Carpocapsa* *Hypericana*, *Step. (C.* ii. 179, 1829).

*Semasia* *Hypericana*, *Step. H.* iv. 121, 1834. *Wood, I. E.* 146, t. 33, f. 981.

*Tinea* *Petiverella*, *Schiff.?* (*W. V.* 136, 1776).

*Pyrallis* *strigana*, *Fab.?* *M.* ii. 238, 1787.

6. **GRAPHOLITA WIMMERANA.** The Wimmerian T. B. M.  
*Grapholitha Wimmerana*, *Treit. E. S. Sup.* x. 3, 111, 1835.  
*Carpocapsa*? *maritimana*, *Dale, MSS. teste Doub.* (L. 26, 1850).  
*Carpocapsa* ———, *Doug. Ent.* 384, 1842.
7. **GRAPHOLITA LACTEANA.** The Cream Sealed T.  
*Grapholitha lacteana*, *Treit. ? E. S. Sup.* x. 3, 113, 1835.
8. **GRAPHOLITA SCOPOLIANA.** The Scopolian T. B. M.  
*Tortrix Scopoliana*, *Haw. L. B.* 456, 1812.  
*Semasia Scopoliana*, *Step. (C. ii.* 180, 1829).  
*Carpocapsa Scopoliana*, *Step. H.* iv. 123, 1834. *Wood, I. E.*  
 t. 33, f. 988?  
*Catoptria Carduana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 188,  
 1845. *Id. Mi.* 54.
9. **GRAPHOLITA HOHENWARTHANA.** The Fulvous Sealed T. B. M.  
*Tortrix Hohenwarthiana*, *Schiff. (W. V.* 129, 1776).  
*Tortrix pupillana*, *Haw. ? L. B.* 455, 1812.  
*Semasia fulvana*, *Step. (C. ii.* 180, 1829).  
*Carpocapsa fulvana*, *Step. H.* iv. 123, 1834. *Wood, I. E.* 146,  
 t. 33, f. 986.  
*Carpocapsa strigana*, *Cur. ? (G.* 170, 1831). *Id. B. E.* viii.  
 fo. 352, 1831.  
 Var. *a.* *Tortrix cana*, *Haw. L. B.* 456, 1812.  
*Semasia cana*, *Step. (C. ii.* 180, 1829).  
*Carpocapsa cana*, *Step. H.* iv. 123, 1834. *Wood, I. E.* 147, t.  
 33, f. 987.
10. **GRAPHOLITA ÆMULANA.\*** The Obscure Sealed T.  
*Semasia æmulana*, *Schlag. teste H.-Schæff. S.* vi. 248, 1850?  
*Tortrix latiorana*, *H.-Schæff. To.* t. 44, f. 312, 1849?
11. **GRAPHOLITA CÆCIMACULANA.** The False Sealed T.  
*Tortrix cæcimaculana*, *Hüb. To.* t. 5, f. 27, 1801.  
*Grapholitha Kollariana*, *Mann. Fisch.-v.-R. MSS. teste*  
*Guén. Mi.* 55.  
*Semasia*? *neglectana*, *Bent. MSS. teste Doub.* (L. 26, 1850).

## 12. GRAPHOLITA EXPALLIDANA. The Red Sealed T. B. M.

*Tortrix expallidana*, *Haw. L. B.* 469, 1812.

*Bactra expallidana*, *Step. H.* iv. 125, 1834. *Wood, I. E.* 147, t. 33, f. 992.

*Semasia rufana*, *Step. (C.* ii. 180, 1829).

*Carpocapsa rufana*, *Step. H.* iv. 124, 1834. *Wood, I. E.* 147, t. 33, f. 989.

*Catoptria Westwoodiana*, *Guén. in litt. Doub. (L.* 26, 1850).

## 13. GRAPHOLITA PUPILLANA. The Wormwood T. B. M.

*Phalæna-To. pupillana*, *Lin. F.* ii. 349, No. 1340, 1761.

*Semasia pupillana*, *Step. (C.* ii. 179, 1829).

*Carpocapsa pupillana*, *Step. H.* iv. 122, t. 34, f. 2, 1834.

*Tortrix Absinthiana*, *Hüb. To.* t. 6, f. 34, 1801.

## 46, (403). THIODIA.

*Thiodia*, *Hüb. V.* 391, 1816.

*Cochylis*, *Treit. E. S.* vii. 233, 1830.

*Catoptria*, p., *Guén. Ann. E. S. Fr. 2. Ser.* iii. 187, 1845.

*Id. (Mi.* 55).

## 1. THIODIA CITRANA. The Lemon T. B. M.

*Tortrix citrana*, *Hüb. To.* t. 29, f. 185, 1801.

## Sub.-Fam. VI. SCIAPHILIDI.

*Sciaphilidi*, *Guén. Ann. E. S. Fr. 2 Ser.* iii. 163, 1845. *Id. Mi.* 29.

## 47, (404). SPHALEROPTERA.

*Sphaleroptera*, *Guén. (Ann. E. S. Fr. 2 Ser.* iii. 167, 1845).

*Id. (Mi.* 33).

*Dolophora*, *Hüb. P. V.* 387, 1816.

## 1. SPHALEROPTERA ICTERICANA. The Jaundiced Drab T. B. M.

♂. *Tortrix ictericana*, *Haw. L. B.* 469, 1812.*Cnephasia ictericana*, *Step. H.* iv. 128, 1834. *Wood, I. E.* 148, t. 33, f. 998.♀. *Tortrix longana*, *Haw. L. B.* 463, 1812.*Cnephasia longana*, *Step. H.* iv. 127, 1834. *Wood, I. E.* 148, t. 33, f. 997.*Sphaleroptera capillana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 167, 1845.

## 48, (405). CNEPHASIA.

*Cnephasia*, *Cur. B. E.* iii. fo. 100, 1826.*Sciaphila* (Gen. Coleopt. 1826), *Treit. (E. S.* vii. 233, 1829).*Eana*, *Billb. Zett. F. L.* 984, 1840.

## a. SYNDEMIS.

*Syndemis*, p., *Hüb. V.* 382, 1816.

## 1. CNEPHASIA DECOLORANA.\* The Coast Gray T.

*Cnephasia decolorana*, *Step. MSS.**Cnephasia conspersana*, *Doug. Zool.* iv. 1267, f. 1, 1846.

## 2. CNEPHASIA PERTERANA.\* The Dover Gray T.

*Sciaphila perterana*, *Guén. Doub. (L.* 24, 1850). (Pr. var. ?)

## 3. CNEPHASIA OBSOLETANA. The Obscure Gray T.

*Cnephasia obsoletana*, *Step. (C.* ii. 181, 1829). *Id. H.* iv. 129, 1834.*Cnephasia sinuana*, *Wood, I. E.* 148, t. 33, f. 999.

## 4. CNEPHASIA PASSIVANA. The Meadow Gray T.

*Tortrix pascivana* (pascuana?), *Hüb. To.* t. 16, f. 99, 1801.*Syndemis pascuana*, *Hüb. (V.* 382, 1816).*Cnephasia passivana*, *Doub. (L.* 24, 1850).

5. *CNEPHASIA SUBJECTANA*. The Gray Elm T. B. M.

*Cnephasia subjectana*, Guén. *Ann. E. S. Fr.* 2 Ser. iii. 165, 1845.

*Tortrix Logiana*, Haw. *L. B.* 464, 1812: (*viz* Lin.)

*Cnephasia Logiana*? *Step. H.* iv. 129, 1834. *Wood. I. E.* 148, t. 33, f. 1002.

6. *CNEPHASIA VIRGAUREANA*. The Lesser Gray Elm T. B. M.

*Sciaphila Virgaureana*, Treit. *E. S. Sup.* x. 3, 89, 1835.

Var. *a.* *Tortrix interjectana*, Haw. *L. B.* 464, 1812.

*Cnephasia interjectana*, *Step. H.* iv. 129, 1834. *Wood, I. E.* 148, t. 33, f. 1001.

7. *CNEPHASIA ALTERNELLA*. The Large Gray Elm T. B. M.

*Tortrix alternella*, Schiff. (*W. V.* 135, 1776).

*Tortrix asinana*, Haw. *L. B.* 464, 1812.

*Cnephasia asinana*, *Step. H.* iv. 128, 1834. *Wood, I. E.* 148, t. 33, f. 1000.

*Sciaphila Chrysanthæana*, Dup. *L. F. Sup.* iv. 410, t. 83, f. 5, 1842.

8. *CNEPHASIA PERPLEXANA*. The Allied Gray T.

*Cnephasia perplexana*, *Step. MSS.*

9. *CNEPHASIA SINUANA*. The Waved Gray T.

*Cnephasia sinuana*, *Step. H.* iv. 128, 1834.

*Cnephasia obsoletana*, *Wood, I. E.* 148, t. 33, f. 1003, 1835.

*Cnephasia cinerana*, Bent. *MSS.* West. & H. *M.* ii. 143, 1844.

*Sciaphila Stephensiana*, Doub. (*L.* 24, 1850).

10. *CNEPHASIA CRETACEANA*.\* The Chalk Gray T.

*Cnephasia cretaceana*; *Cur. A & M. Nat. Hist.* 2 Ser. v. 112, 1850.



# CATALOGUE OF

## 11. CNEPHASIA OCTOMACULANA. The Eight-spotted T.

*Cnephasia octomaculana*, *Haw. MSS. Cur. A. & M. Nat. Hist.* 2 Ser. v. 112, 1850.

*Tortrix Penziana*, *Hüb. ? To.* t. 14, f. 85, 1801.

*Cnephasia Penziana* ?  $\beta$ , *Step. H.* iv. 127, 1834.

## 12. CNEPHASIA INCANANA. The Scotch Gray T.

*Cnephasia incanana*, *Step. MSS.*

## 13. CNEPHASIA PENZIANA. The Penzian T.

*Phalæna*-*To. Penziana*, *Thunb. I. S.* 43, t. 2, f. 1, 1791.

*Cnephasia Penziana* ? *Step. H.* iv. 127, 1834. *Id. Zool.* viii. 2755, 1850.

*Cnephasia bellana*, *Cur. B. E.* iii. t. 100, 1827.

*Sciaphila diurneana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 166, 1845. *Id. Mi.* 32.

## 14. CNEPHASIA HYBRIDANA. The Straight-barred Gray T. B. M.

*Tortrix hybridana*, *Hüb. To.* t. 38, f. 238, 1812.

*Sciaphila albulana*, *Treit. ? E. S.* x. 3, 85, 1835.

♂. *Tortrix rectifasciana*, *Haw. L. B.* 465, 1812.

*Cnephasia rectifasciana*, *Step. H.* iv. 130, 1834. *Wood, I. E.* 148, t. 33, f. 1004.

♀. *Cnephasia aurifasciana*, *Step. (C. ii.* 181, 1829): (*curvifasciana*), *Step. H.* iv. 130, 1834. *Wood, I. E.* 149, t. 33, f. 1005.

*Orthotænia aurofasciana*, *Renn. Cons.* 172, 1832.

## b. EUDEMIS.

*Endemis*, p., *Hüb. V.* 382, 1816.

## 15. CNEPHASIA ? NUBILANA. The Smoky Gray T.

B. M.

*Tortrix nubilana*, *Haw. L. B.* 467, 1812.

*Cnephasia nubilana*, *Step. H.* iv. 130, 1834. *Wood, I. E.* 149, t. 33, f. 1006.

*Tortrix glareana*, *Fröl. ? T. W.* 55, 1828.

♂. *Tortrix perfusca*, *Haw. L. B.* 467, 1812.

*Cnephasia perfusca*, *Step. H.* iv. 131, 1834. *Wood, I. E.* 149, t. 33, f. 1007.

## 49, (406). SYNDEMIS.

*Syndemis*, *Hüb. V.* 382, 1816.

*Cnephasia*††, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 165, 1845). Id. (Mi. 30).*

## 1. SYNDEMIS MUSCULANA. The Afternoon T.

B. M.

*Tortrix musculana*, *Hüb. To. t. 16, f. 98, 1801.*

*Tortrix trifasciana*, *Haw. L. B. 426, 1812.*

*Lozotania trifasciana*, *Step. H. iv. 79, 1834. Wood, I. E. 132, t. 30, f. 870.*

## 50, (407). PHTHEOCHROA.

*Phtheochroa*, *Step. (C. ii. 191, 1829). Id. H. iv. 184, 1834.*

*Phtheochroa*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 163, 1845).*

*Oporinia*, *p., Hüb. V. 387, 1816.*

## 1. PHTHEOCHROA RUGOSANA. The Beautiful Rough-wing T. B.M.

*Tortrix rugosana*, *Hüb. To. t. 14, f. 82, 1801.*

*Phtheochroa rugosana*, *Step. H. iv. 184, 1834.*

*Phalæna V-albana*, *Don. B. I. xi. 31, t. 371, f. 1, 1806.*

## 51, (408). ARGYROTÆNIA.

*Argyrotaenia*, *Step. MSS.*

*Cnephasia*, *t., Doub. (L. 23, 1850).*

*Cnephasia*†, *Guén.? (Ann. E. S. Fr. 2 Ser. iii. 165, 1845). Id.? (Mi. 30).*

## 1. ARGYROTÆNIA POLITANA. The Red-barred Gray T.

B. M.

*Tortrix politana*, *Haw. L. B. 465, 1812.*

*Sericoris politana*, *Step. H. iv. 135, 1834.*

*Cnephasia lepidana*, *Cur. (G. 171, 1831).*

Var. *a.* *Tortrix pulchellana*, *Haw. L. B. 110, 1812.*

*Sericoris pulchellana*, *Step. H. iv. 135, 1834, Wood, I. E. 150, t. 34, f. 1019.*

Var. *b.* *Tortrix Mercuriana*, *Hüb.? To. t. 51, f. 322, 1835.*

## 2. ARGYROTÆNIA COGNATANA.\* The Cognate Gray T.

Argyrotænia cognatana, *Step. MSS.*

## 3. ARGYROTÆNIA FUSCOCILIANA. The Brown-fringed T.

Argyrotænia fuscociliana, *Step. MSS.*

## 52, (409). ERIOPSELA.

Eriopsela, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 163, 1845). Id. (Mi. 29).*

## 1. ERIOPSELA FRACTIFASCIANA. The Broken-barred T.

Tortrix fractifasciana, *Haw. L. B. 466, 1812.*Grapholitha Cuphana, *Tisch. 1846. Fisch.-v.-R. MSS. (non Mi.)*Cnephasia Queketana, *Dale. Cur. (An. & M. N. H. 2 Ser. v. 112, 1850).*Var. a. Eriopsela Caricana, *Guén. Ann. E. S. Fr. 2 Ser. iii. 163, 1845. Id. Mi. 29.*

## 2. ERIOPSELA QUADRANA. The Brindled T.

Tortrix quadrana, *Hüb. To. t. 35, f. 223, 1812.*Var. a. Sciaphila? Hübneriana, *Lien. in litt. teste Guén. (Ann. E. S. Fr. 2 Ser. iii. 163, 1845). Id. (Mi. 29).*Var. ? b. Sericoris flexulana, *Dup. L. F. xi. 575, t. 265, f. 8, 1836.*

## 53, (410). CAPUA.

Capua, *Step. H. iv. 171, 1834.*Teratodes, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 168, 1845). Id. (Mi. 34).*

## 1. CAPUA OCHRACEANA. The Pale Clay T.

B. M.

N. G. ochraceana, *Step. (C. ii. 189, 1829).*Capua ochraceana, *Step. H. iv. 172, 1834. Wood, I. E. 163, t. 36, f. 1113.*Sciaphila terreana, *Treit. ? E. S. Sup. x. 3, 88, 1835. Dup. ?**L. F. Sup. iv. 142, t. 62, f. 4, 1842.*Tortrix vulgana, *Fröl. ? T. W. 63, 1828.*

## 54, (411). CLEPSIS.

*Clepsis*, Guén. (*Ann. E. S. Fr. 2 Ser. iii.* 168, 1845). *Id.* (*Mi.* 34).

## 1. CLEPSIS RUSTICANA. The Rustic T.

*Tortrix rusticana*, Treit. ? *E. S.* viii. 95, 1830. *Dup.* ? *L. F.* xi. 104, t. 240, f. 7, 1834. *Fisch.-v.-R. Mi.* t. 10, f. 2, a, b, 1834.

## Sub-Fam. VII. APHELIDI.

*Aphelidi*, Guén. (*Ann. E. S. Fr. 2 Ser. iii.* 305, 1845). *Id.* (*Mi.* 67).

## 55, (412). ABLABIA.

*Ablabia*, Hüb. *V.* 383, 1816. *Step. H.* iv. 126, 1834.

*Argyroptera*, t., *Dup. Cat.* 310, 1844.

*Aphelia*††, Guén. (*Ann. E. S. Fr. 2 Ser. iii.* 305, 1845). *Id.* (*Mi.* 67).

## 1. ABLABIA PRATANA. The Dotted Drab T.

B. M.

*Tortrix pratana*, Hüb. *To.* t. 36, f. 227-28, 1812.

*Tortrix quadripunctana*, Haw. *L. B.* 468, 1812.

*Ablabia quadripunctana*, *Step. H.* iv. 126, 1834. *Wood, I. E.* 147, t. 33, f. 995.

*Var. a.* *Cnephasia cantiana*, *Cur. B. E.* iii. fo. 100, 1827.

## 56, (413). TORTRICODES.

*Tortricodes*, Guén. (*Ann. E. S. Fr. 2 Ser. iii.* 305, 1845). *Id.* (*Mi.* 67).

*Oporinia* (*non Oporinia*, *H. V.* 321), *Hüb. V.* 387, 1816.

## 1. TORTRICODES HYEMANA. The Clouded Winter T.

B. M.

*Tortrix hyemana*, Hüb. *To.* t. 42, f. 267, 1814.

*Diurnea nubile*, Haw. *L. B.* 503, 1812.

*Oporinia nubile*, *Step. H.* iv. 234, 1834. *Wood, I. E.* 184, t. 41, f. 1269.

♀. *Tinea Tortricella*, *Hüb. Ti.* t. 2, f. 11, 1801.

*Oporinia Tortricella*, *Step. H.* iv. 234, 1834.

*Epigraphia alternella*, *Dup. (C.* 333, 1846).

Var. *a.* *Oporinia Tortricella*, *Wood, I. E.* 184, t. 41, f. 1268, 1834.

### Sub-Fam. VIII. SERICORIDI.

*Sericoridi*, *Guén. (Ann. E. S. Fr. 2 Ser. iii.* 156, 1845). *Id. (Mi.* 22).

#### 57, (414). EUCHROMIA.

*Euchromia*, *Step. (C.* ii. 183, 1829). *Id. H.* iv. 143, 1834.

*Stictia* (*Stictia*, Genus *Hymenop.* 1807), *Guén. (Ann. E. S. Fr. 2 Ser. iii.* 161, 1845). *Id. (Mi.* 27).

#### a. ARGYROPOLOCE.

*Argyroploce*, *Hüb. V.* 379, 1816.

#### 1. EUCHROMIA ARBUTELLA. The Mountain Strawberry T.

*Phalæna-Ti. Arbutella*, *Linn. S. Nat.* i. 538, 1758.

*Tortrix Arbutana*, *Hüb. To.* t. 31, f. 195, 1802.

*Orthotænia ornatana*, *Bentley? West. & H. M.* ii. 172, 1844.

#### b. EUCHROMIA.

*Euchromia*, *Step. (C. l. c.)*

#### 2. EUCHROMIA FULVIPUNCTANA. The Tawny Dotted T.

*Tortrix fulvipunctana*, *Haw. L. B.* 400, 1812.

*Euchromia fulvipunctana*, *Step. H.* iv. 143, 1834. *Wood, I. E.* 153, t. 34, f. 1037.

*Tortrix flammeana*, *Fröl. T. W.* 72, 1828. *Hüb.? To.* t. 51, f. 321, 1830?

*Orthotænia formosana*, *Cur. (G.* 171, 1831). *Id. B. E.* viii. fo. 364, 1831.

Var. *a.* *Coccyx Turionana*, *Dup. L. F.* xi. t. 247, f. 4, 1834.

3. *EUCHROMIA PURPURANA*. The Purple T.

*Tortrix purpurana*, *Haw. L. B.* 400, 1812.

*Euchromia purpurana*, *Step. H.* iv. 143, 1834. *Wood, I. E.* 153, t. 34, f. 1036.

*Coccyx? rosaceana*, *Schlæger, teste Doub. (L. 23, 1850).*

58, (415). *ORTHOTÆNIA*.

*Orthotænia*, *Step. (C. ii. 181, 1829).* *Guén. (Mi. 28, 1845).*

*Sericoris*, p., *Step. H.* iv. 131, 1834.

*Celypha*, p., *Hüb. V.* 382, 1816.

1. *ORTHOTÆNIA ERICETANA*. The Heath T.

*Euchromia Ericetana*, *Bentley. West. & H. M.* ii. 150, t. 93, f. 3, 4, 1844.

*Sericoris? Trifoliana*, *Zell. in litt, teste Doub. (L. 23, 1850).*

2. *ORTHOTÆNIA STRIANA*. The Straight-barred T.

B. M.

*Tortrix striana*, *Schiff. (W. V. 129, 1776).*

*Sericoris striana*, *Step. H.* iv. 132, 1834.

*Tortrix rusticana*, *Hüb. To. t. 11, f. 66, 1801.*

*Tortrix fasciana*, *Haw. L. B.* 460, 1812.

*Orthotænia fasciana*, *Step. (C. ii. 181, 1829).*

*Phalæna biliturana*, *Don. B. I. xi. 32, t. 371, f. 2, 1806.*

Var. *a. Tortrix fasciolana*, *Haw. MSS.*

*Orthotænia fasciolana*, *Step. H.* iv. 132, 1834. *Wood, I. E.* 149, t. 34, f. 1010.

3. *ORTHOTÆNIA ANTIQUANA*. The Blotched Drab T.

*Tortrix antiquana*, *Hüb. To. t. 34, f. 213-14, 1810.*

*Tortrix quadrimaculana*, *Haw. L. B.* 468, 1812.

*Orthotænia quadrimaculana*, *Step. H.* iv. 131, 1834. *Wood, I. E.* 149, t. 34, f. 1008.

59, (416). *NOTOCELIA*.

*Notocelia*, *Hüb. V.* 379, 1816. *Step. H.* iv. 136, 1834.

*Aspis, Treit. (E. S. vii. 231, 1829).* *Id. viii. 156, 1834.*

*Aspidia, Dup. L. F. xi. 20, 1834.*

## 1. NOTOCELIA UDMANNIANA. The Udmannian T. B. M.

*Phalæna*-To, Udmanniana, *Lin. F.* ii. 347, No. 1332, 1761.

*Don. B. I.* v. 33, t. 153, f. 2—4, 1796.

*Notocelia* Udmanniana, *Step. H.* iv. 138, 1834.

*Phalæna* Rubiana, *Scop. C.* 233, No. 585, 1764.

*Tortrix* Achatana, *Hüb. To.* t. 9, f. 49, 1801.

## 60, (417). SIDERIA.

*Sideria*, *Guén. (Ann. E. S. L. Fr. 2 Ser. iii. 156, 1845).* *Id.* (Mi. 22).

*Aspis*, p., *Cur. (G.* 168, 1831).

*Spilonota*, p., *Cur. B. E.* xii. fo. 551, 1835.

*Eudemis*, t., *Hüb. V.* 382, 1816.

## 1. SIDERIA ACHATANA. The Marbled Dog's-tooth. B. M.

*Tortrix* Achatana, *Schiff. (W. V.* 131, 1776).

*Tortrix* marmorana, *Hüb. To.* t. 5, f. 25, 1801.

*Sericoris* marmorana, *Step. H.* iv. 137, 1834.

*Spilonota* marmorana, *Cur. B. E.* xii. t. 551, 1835.

*Aspis* similana, *Cur. (G.* 168, 1831).

## 61, (418). SERICORIS.

*Sericoris*, *Treit. E. S.* viii. 142, 1830. *Step. H.* iv. 131, 1834.

*Orthotænia*, p., *Step. (C.* ii. 181, 1829).

## a. CELYPHA.

*Celypha*, *Hüb. V.* 382, 1816.

## 1. SERICORIS CONCHANA. The Silver-striped T. B. M.

*Tortrix* conchana, *Hüb. To.* t. 17, f. 106, 1801.

*Phalæna* rivulana, *Scop. ? C.* 237, No. 600, 1764.

*Pyralis* rivellana, *Fab. ? M.* ii. 237, 1787.

*Tortrix* undulana, *Schiff. ? (W. V.* 131, 1776).

*Sericoris* undulana, *Step. H.* iv. 133, 1834. *Wood, I. E.* 150, t. 34, f. 1014.

## 2. SERICORIS HERBANA. The Dark Silver-dotted T.

*Sericoris herbana*, *Gutn. Ann. E. S. Fr.* 2 Ser iii. 167, 1845.  
*Id. Mi.* 23.

## 3. SERICORIS LACUNANA. The Silver-dotted T.

B. M.

*Tortrix lacunana*, *Schiff. (W. V.* 131, 1776).

*Tortrix micana*, *Haw. L. B.* 460, 1812.

*Sericoris micana*, *Step. H.* iv. 134, 1834. *Wood, I. E.* 150, t. 34, f. 1016.

Var. *a.* *Sericoris obsoletana*, *Step. (C.* ii. 182, 1829). *Id. H.* iv. 133, 1834.

## 4. SERICORIS URTICANA. The Barred Nettle T.

B. M.

*Tortrix Urticana*, *Hüb. To.* t. 11, f. 65, 1801.

*Sericoris Urticana*, *Step. H.* iv. 132, 1834. *Wood, I. E.* 149, t. 34, f. 1011.

*Tortrix rivulana*, *Schiff. ? (W. V.* 131, 1776).

*Celypha æmulana*, *Hüb. (V.* 382, 1816).

## 5. SERICORIS ALTERNANA. The Daleian T.

*Orthotania alternana*, *Cur. B. E.* viii. f. 564, 1831.

*Sericoris alternana*, *Step. H.* iv. 133, 1824. *Wood, ? I. E.* 150, t. 34, f. 1013.

*Sericoris Daleana*, *Doub. (L.* 23, 1850).

## b. PHIARIS.

*Phiaris*, *Hüb. V.* 380, 1816.

## 6. SERICORIS MICANA. The Silver Marbled T.

*Tortrix micana*, *Hüb. To.* t. 5, f. 28, 1801.

*Tortrix Pinetana*, *Haw. L. B.* 461, 1812.

*Orthotania Pinetana*, *Step. (C.* ii. 182, 1829).

*Orthotania Haworthana*, *Step. H.* iv. 179, 1834. *Wood, I. E.* 166, t. 37, f. 1129.



## 7. SERICORIS BISTRIGANA. The Double Silver-striped T.

*Sericoris bistrigana*, *Step.* (C. ii. 182, 1829).

*Argyrolepia bistrigana*, *Step.* H. iv. 177, 1834. *Wood, I. E.* 164, t. 37, f. 1123.

## c. EUDEMIS.

*Eudemis*, p., *Hüb.* V. 382, 1816.

## 8. SERICORIS FULIGANA. The Dark-barred Gray T.

*Tortrix fuligana*, *Haw. L. B.* 465, 1812.

*Sericoris fuligana*, *Step.* H. iv. 135, 1834. *Wood? I. E.* 151, t. 34, f. 1120.

*Sericoris abscissana*, *Guén. in litt.* (Doub. L. 23, 1850).

## 9. SERICORIS LATIFASCIANA. The Gold-barred T.

*Tortrix latifasciana*, *Haw. Ent. Tr.* i. 337, 1813.

*Tortrix aurofasciana*, *Haw.? L. B.* 468, 1812.

*Sericoris aurofasciana*, *Step.* H. iv. 136, t. 38, f. 3, 1834. *Wood, I. E.* 151, t. 34, f. 1022.

*Sericoris Grapholitana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 156, 1845.

Var.? a. *Tortrix venustana*, *Hüb. To.* t. 51, f. 326, 1836.

## 10. SERICORIS DORMOYANA.\* The Dormoyian T.

*Grapholitha Dormoyana*, *Dup. L. F.* xi. 297, t. 250, f. 10, 1835.

## 11. SERICORIS EUPHORBIANA.\* The Spurge T.

*Sericoris? Euphorbiana*, *Zell. teste Dup. L. F. Sup.* iv. 152, t. 62, f. 2. 1842.

## 12. SERICORIS BIFASCIANA. The Double-barred Orange T.

*Tortrix bifasciana*, *Haw. L. B.* 468, 1812.

*Sericoris bifasciana*, *Step. H.* iv. 136, 1834. *Wood, I. E.* 151, t. 34, f. 1023.

*Sericoris*? *decrepitana*, *Fisch.-v.-R. MSS.* ? (non *Mi.*). *Mann.* (C. 2, 1843).

## 13. SERICORIS LITORALIS. The Shore T.

*Cnephasia litoralis*, *Cur. (G.)* 171, 1831).

*Eupœcilia dubitana*, *Wood, I. E.* 166, t. 37, f. 1138, 1835.

*Orthotænia venustana*, *Doug. Zool.* iv. 1268, f. 6, 1846.

*Sericoris morbidana*, *Guén. MSS. teste Doub.* (L. 23, 1850).

## 14. SERICORIS CESPITANA. The Clouded Rustic T.

*Tortrix cespitana*, *Hüb. To.* t. 39, f. 244—5, 1814.

*Sericoris cespitana*, *Step. H.* iv. 134, 1834.

Var. ? *a.* *Orthotænia gramineana*, *Cur. B. E.* viii. fo. 364, 1831.

*Sericoris gramineana*, *Step. H.* iv. 134, 1834. *Wood, I. E.* 150, t. 37, f. 1015.

## 62, (419). MIXODIA.

*Mixodia*, *Guén. (Ann. E. S. Fr. 2 Ser. iii.)* 160, 1845). *Id.* (*Mi.* 26).

*Evetria*, p., *Hüb. V.* 378, 1816.

## 1. MIXODIA SCHULZIANA. The Schulzian T.

B. M.

*Pyrallis Schulziana*, *Fab. G. I. M.* 293, 1777.

*Tortrix Pinetana*, *Hüb. To.* t. 10, f. 57, 1801.

*Phalæna Bentleyana*, *Don. B. I.* x. 85, t. 357, f. 1, 1801.

*Orthotænia Bentleyana*, *Step. H.* iv. 179, 1834.

*Sericoris Zinckenana*, *Treit. E. S.* viii. 143, 1830.

Var. ? *a.* *Tortrix Ahrensiana*, *Hüb. To.* t. 53, f. 337, 1836.

## 2. MIXODIA PALUSTRANA. The Marsh Silver-striped T.

*Sericoris palustrana*, *Lienig. Isis*, 1846, p. 230.

*Orthotænia cespitana*, *Cur. (G. 171, 1831)*.

*Mixodia Juvenclana*, *Guén. in litt. Doub. (L. 23, 1850)*.

## 3. MIXODIA ? TENERANA. The Ratzeburgian T.

B. M.

*Pædisca tenerana*, *Dup. L. F. xi. 568, t. 266, f. 4, 1836*.

*Pædisca Ratzeburgiana*, *Sarse. Ratz. F. I. ii. 227, t. 12, f. 3, 1840*.

*Orthotænia Pinetana*, *West. & H. M. ii. 172, t. 99, f. 10, 1844*.

*Mixodia errana*, *Guén. (Ann. S. E. Fr. 2 Ser. iii. 160, 1845)*.

## 63, (420). ROXANA.

*Roxana*, *Step. H. iv. 118, 1834*.

*Melodes* (Gen. Avium), *Guén. (Ann. E. S. Fr. 2 Ser. iii. 161, 1845)*. *Id. (Mi. 27)*.

*Eucosma*, p., *Hüb. V. 374, 1816*.

## 1. ROXANA ARCUANA. The Arched T.

B. M.

*Phalæna arcuana*, *Clerck, Ic. i. t. 10, f. 8, 1759*.

*Roxana arcuana*, *Step. H. iv. 118, 1834*. *Wood, I. E. 145, t. 32, f. 973*.

*Phalæna Lambergiana*, *Scop. C. 534, No. 589, 1764*.

*Pyralis Edleriana*, *Cram. ? K. t. 396, f. K. teste Hüb. V. l. c*.

## Sub-Fam. IX. COCHYLIDI.

*Cochylidi*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 297, 1845)*.  
*Id. (Mi. 59)*.

## 64, (421), LOBESIA.

*Lobesia*, *Guén. (Ann. E. S. Fr. 2 Ser. iii. 297, 1845)*. *Id. (Mi. 59)*.

*Argyrotoza*, p., *Step. (C. ii. 190, 1829)*.

*Syricoris*, *Treit. (E. S. vii. 230, 1829)*.

1. *LOBESIA RELIQUANA*. The Orange and Black T. B. M.*Asthenia reliquana*, *Hüb.* (V. 381, 1816).*Tortrix permixtana*, *Hüb. To.* t. 12, f. 75, 1801.*Argyrotoza permixtana*, *Step.* (C. ii. 190, 1829).*Eupœcilia permixtana*, *Step. H.* iv. 183, 1834. *Wood, I. E.* 166, t. 37, f. 1137.♀. *Cochylis Fischerana*, *Treit.? E. S. Sup.* x. 3, 145, 1835.

## 65, (422). CERATA.

*Cerata*, *Step. MSS.**Lobesia*, p., *Guén.* (*Ann. S. E. Fr.* 2 Ser. iii. 297, 1845). *Id.* (*Mi.* 59).1. *CERATA SERVILLANA*. The Servillian T. B. M.*Penthina servillana*, *Dup. L. F.* xi. 503, t. 262, f. 6, 1835.*Philalcea paykulliana*, *West. & H. M.* ii. t. 85, f. 22, 1844.2. *CERATA? SIMPLANA*.\* The Least Short-cloak T.*Cochylis? simplana*, *Fisch.-v.-R. Mi.* 38, t. 22, f. 2, 1837.*Cochylis ambiguana*, *Dup. L. F.* xi. 505, t. 362, f. 7, 1835.

## 66, (423). CHROSIS.

*Chrosis*, *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 306, 1845). *Id.* (*Mi.* 62).*Phalouia*, *Hüb. V.* 393, 1816.1. *CHROSIS TESSERANA*. The Tessellated T. B. M.*Tortrix tessarana*, *Schiff.* (W. V. 120, 1776).*Argyrolepia tessarana*, *Step. H.* iv. 177, 1834. *Wood, I. E.* 164, t. 37, f. 1124.*Tortrix tessellana*, *Hüb. To.* t. 23, f. 144, 1801.*Tinea alcella*, — *Naturf.* ix. 106, t. 2, 1783.*Pyralis heiseana*, *Fab. M.* ii. 231, 1787.*Tortrix grandaliana*, *Thun. I. S.* 45, t. 2, f. 2, 1791.Var. a. *Argyrolepia decimana*, *Step.* (C. ii. 190, 1829). *Id. H.* iv. 177, 1834. *Wood. I. E.* 164, t. 37, f. 1125.

## 2. CHROSIS AUDOUINANA.\* The Audouinian T. B. M.

*Argyrolepia Audouinana*, Dup. L. F. xi. 569, t. 266, f. 5, 1836.

*Argyrotoza apicalis*, West. P & H. M. ii. 169, t. 98, f. 8, 1844.

## 67, (424). DAPSILIA.

*Dapsilia*, Hüb. V. 394, 1816.

*Chrosis*, p., Guén. (Ann. E. S. Fr. 2 Ser. iii. 306, 1845): *Id.* (Mi. 62).

## 1. DAPSILIA RUTILANA. The Scarlet-barred Gold T. B. M.

*Tortrix rutilana*, Hüb. To. t. 39, f. 249, 1814.

Var. *a.* *Tinea sanguinella*, Haw. L. B. 572, 1829.

## 68, (425). ARGYROLEPIA.

*Argyrolepia*, Step. Guén. (Mi. 63).

*Argyrolepia*, p., Step. (C. ii. 176, 1829).

## a. COMMOPHILA.

*Commophila*, Hüb. (V. 392, 1816).

## 1. ARGYROLEPIA ÆNEANA. The Silvery Broad-bar T. B. M.

*Tortrix æneana*, Hüb. To. t. 30, f. 188, 1801.

*Argyrolepia æneana*, Step. H. iv. 176, 1834. Wood, I. E. 164, t. 37, f. 1122.

## 2. ARGYROLEPIA SCHREBERSIANA.\* The Schrebersian T.

*Tortrix Schrebersiana*, Fröl. T. W. 53, 1828. Hüb. To. t. 49, f. 306, 1833.

*Tortrix Lediana*, Hüb. To. t. 24, f. 151, 1801.

## b. CHLIDONIA.

*Chlidonia*, *Hüb. V.* 393, 1816.

## 3. ARGYROLEPIA MUSSEHLIANA.\* The Mussehlman T.

*Cochylis Musseliana*, *Treit. E. S. Sup. x.* 3, 141, 1835.

## c. LOZOPERA.

*Lozopera*, p., *Step. H.* iv. 187, 1834.

## 4. ARGYROLEPIA BAUMANNIANA. The Baumannian T. B. M.

*Tortrix Baumanniana*, *Schiff. (W. V.* 126, 1776).

*Lozopera Baumanniana*, *Step. H.* iv. 190, 1834. *Wood, I. E.* 168, t. 38, f. 1154.

*Phalæna Hartmanniana*, *Clerck ? teste Guén. Mi.* 63.

## 5. ARGYROLEPIA BADIANA. The Burdock T. B. M.

*Tortrix badiana*, *Hüb. To. t.* 23, f. 147, 1801.

*Lozopera badiana*, *Step. H.* iv. 189, 1834. *Wood, I. E.* 168, t. 38, f. 1153.

*Tortrix Smeathmanniana*, *Haw. L. B.* 400, 1812.

*N. G. Smeathmanniana*, *Step. (C. ii.* 191, 1829).

*Tortrix rubigana*, *Treit. E. S. viii.* 117, 1830.

## 6. ARGYROLEPIA CNICANA. The Barred Thistle T.

*Argyrolepia Cnicana*, *Doub. (L.* 27, 1850).

## 7. ARGYROLEPIA ? DUBRISANA. The Marbled Dover T. B. M.

*Cochylis Dubrisana*, *Cur. B. E. xi. fo.* 491, 1834.

*Lozopera Dubrisana*, *Step. H.* iv. 188, 1834. *Wood, I. E.* 167, t. 37, f. 1148.

*Argyrolepis virginana*, *Guén. Ann. E. S. Fr. 2 Ser. iii. 301*, 1845. *Id. Mi. 63.*

Var. *a.* *Cochylis marmoratana*, *Cur. B. E. xi. fo. 491*, 1834.

*Lozopera marmoratana*, *Step. H. iv. 188*, 1834. *Wood, I. E. 167*, t. 37, f. 1149.

Var. *b.* *Eupœcilia luteolana*, *Step. (C. ii. 191, 1829).* *Id. H. iv. 184*, 1834. *Wood, I. E. 166*, t. 37, f. 1140.

## 69, (426). EUPŒCILIA.

*Eupœcilia*, *Step. (C. ii. 190, 1829).* *Id. H. iv. 181*, 1834.

### a. NOTOCELIA.

*Notocelia*, p., *Hüb. V. 380*, 1816.

#### 1. EUPŒCILIA ATRICAPITANA. The Black-headed T.

*Eupœcilia atricapitana*, *Step. MSS.*

#### 2. EUPŒCILIA DUBITANA. The Doubtful T.

*Tortrix dubitana*, *Hüb. To. t. 183*, f. 71, 1801.

*Eupœcilia dubitana*, *Step. (C. ii. 191, 1829).* *Id. H. iv. 183*, 1834.

### b. ASTHENIA.

*Asthenia*, p., *Hüb. V. 381*, 1816.

#### 3. EUPŒCILIA NANA. The Barred Dwarf T.

B. M.

*Tortrix nana*, *Haw. L. B. 439*, 1812.

*Eupœcilia nana*, *Step. H. iv. 182*, 1834. *Wood, I. E. 166*, t. 37, f. 1135.

*Eupœcilia carneana*, *Guén. Ann. E. S. Fr. 2 Ser. iii. 298*, 1845.

## C. EUPÆCILIA.

Eupæcilia, *Step.* (C. ii. 190, 1829).

## 4. EUPÆCILIA MACULOSANA. The Small Black-spotted T. B. M.

*Tortrix maculosana*, *Haw. L. B.* 438, 1812.

*Eupæcilia maculosana*, *Step. H.* iv. 181, 1834. *Wood, I. E.* 165, t. 37, f. 1133.

## 5. EUPÆCILIA SODALIANA. The Sodalian T.

*Tortrix Sodaliana*, *Haw. L. B.* 436, 1812.

*Eupæcilia Sodaliana*, *Step. H.* iv. 183, 1834. *Wood, I. E.* 166, t. 37, f. 1139.

## 6. EUPÆCILIA CARDUANA? The Thistle T. B. M.

*Cochylis? Carduana*, *Zell.? Isis, teste Doub.* (L. 26, 1850).

## 7. EUPÆCILIA AMBIGUELLA. The Ambiguous T. B. M.

*Tinea ambiguella*, *Hüb. Ti.* t. 24, f. 153, 1801.

*Telea ambiguella*, *Step. H.* iv. 245, 1834. *Wood, I. E.* 187, t. 41, f. 1288.

## 8. EUPÆCILIA ANGUSTANA. The Barred Marble T. B. M.

*Tortrix angustana*, *Hüb. To.* t. 12, f. 71, 1801.

*Eupæcilia angustana*, *Step. II.* iv. 182, 1834. *Wood, I. E.* 166, t. 37, f. 1134.

*Tortrix ambiguana*, *Fröl. ? T. W.* 53, 1828.

*Phalæna fasciella*, *Don. B. I.* xiii. 41, t. 452, 1808.

*Asthenia variegana*, *Hüb. (V.)* 381, 1816).



9. *EUPÆCILIA AFFINITANA*. The Allied Marble T.

*Cochylis affinitana*, *Doug. Zool.* iv. 1268, f. 7, 1846.

10. *EUPÆCILIA VECTISANA*.\* The Isle of Wight T.

*Cochylis Vectisana*, *West. & H. M.* ii. 176, t. 100, f. 15, 1844.  
(Pr. var.?)

11. *EUPÆCILIA GRISEANA*. The Oblique-barred Gray T. B. M.

*Tortrix griseana*, *Haw. L. B.* 402, 1812.

*Eupæcilia griseana*, *Step. II.* iv. 186, 1834. *Wood, I. E.*  
167, t. 37, f. 1145.

Var.? *a. Eupæcilia udana*, *Guén. Ann. E. S. Fr.* 2 Ser. iii. 299, 1845.  
*Id. Mi.* 61.

12. *EUPÆCILIA NOTULANA*. The Clouded Oblique-barred T.

*Cochylis? notulana*, *Zell. ? teste Doub.* (*L.* 27, 1850).

Var.? *a. Eupæcilia cænosana*, *Step. MSS.* (Pr. var.?)

## d. COCHYLIS.

*Cochylis*, *Treit.* (*E. S.* vii. 233, 1829).

*Conchylis*, *Sodoff. Bull. S. I. Mosc.* 20, 1837.

13. *EUPÆCILIA RUPICOLA*. The Chalk-cliff T.

*Cochylis Rupicola*, *Cur. B. E.* x. t. 491, 1834, 3.

*N. G. marginana*, *Step.* (*C.* ii. 191, 1829).

*Cochylis marginana*, *Step. H.* iv. 187, 1834, 9.

*Cochylis humidana*, *Fisch. ?-v.-R. MSS. ?* (non *Mi.*)

14. *EUPÆCILIA FLAVICILIANA*. The Yellow-fringed T.

*Eupæcilia flaviciliana*, *Doub.* (*L.* 27, 1850).

15. *EUPÆCILIA ROSEANA*. The Rosy T. B. M.

*Tortrix roseana*, *Haw. L. B.* 401, 1812.

*Cochylis roseana*, *Step. H.* iv. 185, t. 35, f. 1, 1834.

*Tortrix rubellana*, *Hüb. ? To.* t. 46, f. 286—7, 1828.

*Cochylis dipsaceana*, *Mann. ? (C.* 1843 ?)

Var. *a.* *Cochylis subroseana*, *Wood, I. E.* 167, t. 37, f. 1143.

16. *EUPÆCILIA SUBROSEANA*. The Dingy Rosy T.

*Tortrix subroseana*, *Haw. L. B.* 402, 1812.

*Cochylis subroseana*, *Step. H.* iv. 186, 1834.

*Cochylis rubroseana*, *Step. (C.* ii. 191, 1829).

*Cochylis ruficiliana*, *Wood, I. E.* 167, t. 37, f. 1144.

17. *EUPÆCILIA RUFICILIANA*. The Red Fringe T.

*Tortrix ruficiliana*, *Haw. L. B.* 402, 1812.

*Cochylis ruficiliella*, *Step. H.* iv. 186, 1834.

*Tinea ciliella*, *Hüb. ? Ti.* t. 26, f. 180, 1801.

*Tortrix rubellana*, *Hüb. ? To.* t. 46, f. 288 (285), 1828.

*Cochylis rubellana*, *Zell. teste Doub. (L.* 27, 1850).

## 70, (427). ARGYRIDIA.

*Argyridia*, *Step. MSS.*

*Cochylis*, t., *Guén. (Ann. E. S. Fr. 2 Ser. iii.* 303, 1845). *Id.*  
(*Mi.* 65).

## 1. ARGYRIDIA DIPOLTELLA. The Orange-barred Pearl T. B. M.

*Tinea dipoltella*, *Hüb. Ti.* t. 50, f. 345, 1834.

*Tortrix margaritana*, *Haw. L. B.* 401, 1812.

*Argyrolepis margaritana*, *Step. H.* iv. 176, 1834. *Wood, I. E.*  
164, t. 37, f. 1121.

Var. *a.* *Argyroptera Zebrana*, *Dup. L. F.* xi. 454, t. 260, f. 3,  
1835.

## 71, (428). LOZOPERA.

*Lozopera*, *Step.* (C. ii. 191, 1829). *Id.* *H.* iv. 187, 1834.

*Cochylis*, p., *Guén.* (*Ann. E. S. Fr.* 2 Ser. iii. 303, 1845). *Id.* (*Mi.* 65).

*Aethes*, *Billb.* ? *teste Zett.* *F. L.* 990, 1840.

## 1. LOZOPERA FRANCILLANA. The Francillonian T. B. M:

*Pyrallis Francillana*, *Fab.* *E. S.* iii. b, 264, 1794.

*Lozopera Francillana*, *Step.* *H.* iv. 189, 1834. *Wood*, *I. E.* 168, t. 37, f. 1152.

*Argyrolepis flagellana*, *Dup.* *L. F.* xi. 441, t. 259, f. 6, 1835.

## 2. LOZOPERA DILUCIDANA. The Short-barred Yellow T. B. M.

*Lozopera dilucidana*, *Step.* *MSS.*

*Lozopera Francillana*, var., *Step.* *H.* iv. 189, 1834.

*Tortrix flagellana*, *H.-Schæff.* *S. To.* t. 14, f. 95.

## 3. LOZOPERA SMEATHMANNIANA. The Smeathmannian T. B. M.

*Pyrallis Smeathmanniana*, *Fab.* *S. I.* ii. 278, 1781.

*Lozopera Smeathmanniana*, *Step.* *H.* iv. 189, 1834. *Wood*, *I. E.* 168, t. 37, f. 1151.

*Tortrix Fabriciana*, *Hüb.* *To.* t. 23, f. 149, 1801.

*Lozopera Fabriciana*, *Step.* (C. ii. 192, 1829).

## 4. LOZOPERA STRAMINEA. The Short-barred Straw T. B. M.

*Tortrix straminea*, *Haw.* *L. B.* 401, 1812.

*Lozopera straminea*, *Step.* *H.* iv. 188, 1834. *Wood*, *I. E.* 168, t. 37, f. 1150.

*Cochylis Tischerana*, *Treit.* *E. S.* viii. 275, 1830.

*Cochylis sudana*, *Dup.* *L. F.* xi. 571, t. 266, f. 7, 1836.

## 5. LOZOPERA ALTERNANA. The Littoral Straw T.

*Lozopera alternana*, *Step.* (C. ii. 191, 1829). *Id.* *H.* iv. 187, t. 35, f. 2, 1834.

*Tortrix Stephensiana*, *Blunt*, *MSS.* *Step.* (C. l. c.).

*Cochylis gigantana*, *Guén.* *MSS.* *Doub.* (*L.* 27, 1850).

## 72, (428), XANTHOSETIA.

*Xanthosetia*, *Step.* (*C.* ii. 192, 1829). *Id.* *H.* iv. 190, 1834.

## a. EUXANTHIS.

*Euxanthis*, *Hüb.* *V.* 391, 1816.

## 1. XANTHOSETIA HAMANA. The Hook-marked Straw T. B. M.

*Phalæna*-*To.* *hamana*, *Lin. S. Nat.* i. 530, 1758.

*Xanthosetia hamana*, *Step. H.* iv. 191, 1834. *Wood, I. E.* 169, t. 38, f. 1157.

*Pyrallis Zægana*, var.  $\beta$ ., *Fab. S. E.* 648, 1775.

Var. *a.* *Tortrix diversana*, *Hüb. To.* t. 22, f. 139, 1801.

*Xanthosetia diversana*, *Step. H.* iv. 192, 1834. *Wood, I. E.* 169, t. 38, f. 1158.

*Euxanthis trigonana*, *Hüb. (V.* 391, 1816).

## 2. XANTHOSETIA ZÆGANA. The Zægian T. B. M.

*Phalæna*-*To.* *Zægana*, *Lin. S. Nat.* ii. 876, 1767.

*Xanthosetia Zægana*, *Step. H.* iv. 191, 1834. *Wood, I. E.* 168, t. 38, f. 1155.

*Phalæna hamana*, *Clerck ? Ic.* t. 4, f. 4, 1759.

Var. *a.* *Tortrix ferrugana*, *Haw. L. B.* 398, 1812.

*Xanthosetia ferrugana*, *Step. H.* iv. 191, 1834. *Wood, I. E.* 169, t. 38, f. 1156.

## b. HYSTEROSIA.

*Hysterosia*, *Step. MSS.*

## 3. XANTHOSETIA ? INOPIANA. The Plain Drab T.

*Tortrix inopiana*, *Haw. L. B.* 469, 1812.

*Xanthosetia inopiana*, *Step. H.* iv. 192, 1834. *Wood, I. E.* 169, t. 38, f. 1159.



# REPUTED BRITISH TORTRICES.

---

Page 1.

## Family I. TORTRICIDÆ.

### Sub-Family II. TORTRICIDI.

Page 4.

#### Genus 4. LOZOTÆNIA.

Page 5.

##### a. PANDEMIS.

9a. LOZOTÆNIA CROCEANA.\* The Large Saffron T. B. M.

*Tortrix croceana*, *Hüb. Tb.* t. 19, f. 120, 1801. *Haw. L. B.* 424, 1812.

Var. a. *Tortrix ochreana*, var., *Dup. L. F.* xi. 561, t. 265, f. 6, 1836.

(*Lozotænia Modcceriana*, *Cur. Ann. & M. N. II.* 2 Ser. v. 110, 1850).

(*Haw. L. B. l. c.* 1812!)

S. France.

Page 7.

##### b. CACOEZIA.

14a. LOZOTÆNIA SUBOCELLANA. The Eyelet T.

*Lozotænia subocellana*, *Step. (C. ii.* 170, 1829). *Id. II.* iv. 75, 1834. *Wood, I. E.* 131, t. 29, f. 859.

(*Step. C. l. c.* 1829!)

N. America?

Page 8.

b, 2. EPAGOGÉ.

Epagoge, *Hüb. V.* 389, 1816.

15 a. LOZOTÆNIA OCHREANA.\* The Ochreous Oblique-bar T. B.M.

*Tortrix ochreana*, *Hüb. To.* t. 21, f. 134, 1801.

*Lozotænia ochreana*, *Step. H.* iv. 80, 1834.

(*Step. H. l. c.* 1834 !)

Germany.

16 a. LOZOTÆNIA GNOMANA.\* The Dial T.

B. M.

*Phalæna-To. gnomana*, *Lin. F. S.* ii. 348, No. 1377, 1761.

*Tortrix gnomana*, *Dup. L. F.* xi. 89, t. 239, f. 7, 1834.

(*Haw. Pr.* 32, 1802 !)

Hungary, France.

16 b. LOZOTÆNIA? TRIFASCIANA.\* The Triple Oblique-barred T.

*Pyralis trifasciana*, *Fab. E. S.* iii. b, 248, 1794.

(*Haw. L. B.* 426, 1812 !)

Italy.

16 c. LOZOTÆNIA? BIUSTULANA. The Scorched T.

*Lozotænia biustulana*, *Step. (C.* ii. 171, 1829). *Id. H.* iv. 78, 1834. *Wood, I. E.* 132, t. 30, f. 867.

(*Step. C. l. c.* 1829 !)

N. America ?

16 d. LOZOTÆNIA? OBLIQUANA.\* The Doubtful Oblique-bar T.

*Pyralis obliquana*, *Fab. S. I.* ii. 281, 1781. *Id. M.* ii. 229, 1787. *Id. E. S.* iii. b, 257, 1794.

(*Fab. l. c.* *Habitat in Anglia*, 1781—94 !)

England ?

Page 11—12.

9. OXIGRAPHIA.

c. NEPHODESMA.

*Nephodesma*, p., *Hüb.* V. 390, 1816.

5. OXIGRAPHIA LEACHEANA.\* The Leachian T. B. M.  
*Peronea Leacheana*, *Cur.* (G. ii. 202, 1837). *West. & H. M.*  
 ii. 162, t. 95, f. 15, 1844.  
 (*Cur. l. c.* 1837!) N. America.

Page 12—16.

10. PERONEA.

b. LOPAS.

- 2a. PERONEA DIVISANA.\* The White Pinioned T.  
*Tortrix divisana*, *Hüb. Tob.* t. 31, f. 198, 1802.  
 (*Step. H.* iv. 153, 1834!) S. France.
- 13a. PERONEA? BORANA.\* The Doubtful Button T.  
*Pyralis borana*, *Fab. E. S.* iii. b, 270, 1794.  
 (*Haw. L. B.* 415, 1812!) Sweden?

Page 19.

PARAMESIA.

- 2a. PARAMESIA MODEERIANA.\* The Modeerian T.  
*Phalæna-To. Modeeriana*, *Lin. F. S.* ii. 347, No. 1331, 1761.  
*Tortrix Modeeriana*, *Zett. I. L.* 979, 1840.  
 (*Haw. L. B.* 423, 1812!) N. Europe.



2b. *PARAMESIA PEREGRINANA*.\* The Peregrine T.

*Lozotænia obliquana*, *Bent. Zool.* iii. 1001, 1845. *West. & H. M.* ii. t. 80, f. 8, 1845.

(*Bent. l. c.* 1845!)

N. America?

b. *AMELIA*.

*Amelia*, *Hüb. V.* 390, 1816.

3a. *PARAMESIA*? *STEINERIANA*.\* The Steinerian T.

B. M.

*Tortrix Steineriana*, *Schiff. (W. V.* 16, 1776). *Hüb. To.* t. 27, f. 170, 1801.

(*Haw. L. B.* 417, 1812!)

S. Europe?

## Page 23.

15. *CROESIA*.a. *LOZOTÆNIA*.

*Lozotænia*, p., *Steph. H.* iv. 81, 1834.

1a. *CROESIA*? *TRILEUCANA*. The Triple Blotched T.

*Tortrix*? *trileucana*, *Gm. (Guén. ?)*. *Doub. (Zool.* v. 1729, 1847).

*Lozotænia*? *Schreberiana*? *Panz. ? F. G.* vii. f. 19, 1792. *Step. (C.* ii. 172, 1829). *Id. H.* iv. 81, 1834. *Wood, I. E.* 133, t. 30, f. 875.

(*Step. C. l. c.* 1829!)

N. America?

## Page 30—31.

Sub-Fam. IV. *SPILONOTIDI*.23. *SPILONOTA*.a. *HEDYA*.4a. *SPILONOTA INCARNATANA*.\* The Rosy Short-cloak T. B. M.

*Tortrix incarnatana*, *Hüb. To.* t. 30, f. 191, 1801.

(*Haw. L. B.* 435. 1812!)

Austria, &c.

Page 45.

Sub-Fam. V. GRAPHOLITHIDI.

31. PÆCILOCHROMA.

e. EPISAGMA.

*Episagma*, *Hüb.* V. 383, 1816.

11. PÆCILOCHROMA? SCHREBERIANA.\* The Schreberian T.

*Phalæna*-*To.* *Schreberiana*, *Lin. F. S.* ii. 348, No. 1338, 1761.

*Tortrix Schreberiana*, *Hüb. To.* t. 8, f. 45, 1801.

*Phalæna dimidiaua*, *Clerck? Ic. teste Guén.* (Mi. 41), 1845.

(*Step. C.* ii. 172, 1829!)

Germany.

Page 45—46.

32. HALONOTA.

a. EPINOTIA.

1 a. HALONOTA SIMILANA.\* The Middle Double-blotched T. B. M.

*Tortrix similana*, *Schiff.* (W. V. 131, 1776).

*Pyralis Strœmiana*, *Fab. ? E. S.* ii. 280, 1781.

*Pædisca scutulana*, *Dup. L. F.* xi. 351, t. 253, f. 6, 1835.

♀. *Tortrix fluidana*, *Schiff.* (W. V. 318, 1776).

*Tortrix asseclana*, *Hüb. To.* t. 4, f. 19, 1801.

(*Haw. L. B.* 462, 1812!)

Germany, Austria.

5 a. HALONOTA? RUSTICANA.\* The Rustic Blotch-back T.

*Pyralis rusticana*, *Fab. E. S.* iii. b, 254, 1794.

(*Haw. L. B.* 442, 1812!)

France.

Page 53.

### 38. RETINIA.

#### 4a. RETINIA RESINELLA.\* The Resin T.

*Phalæna*-Ti. *Resinella*, *Lin. S. N.* i. 539, 1758.

*Coccyx Resinella*, *Dup. L. F.* xi. 232, t. 247, f. 6, 1834.

(*Step. C.* ii. 181, 1829!)

Germany.

Page 53—54.

### 39. CARPOCAPSA.

#### c. HEMIMENE.

#### 4. CARPOCAPSA AMPLANA. The Full T.

B. M.

*Tortrix amplana*, *Hüb. To.* t. 5, f. 24, 1801.

*Spilonota amplana*? *Cur. (G.* 168, 1831).

(*Cur. G. l. c.* 1831!)

France.

Page 58.

### 42. DICHORAMPHA.

#### 2a. DICHORAMPHA INQUINITANA.\* The Large Gold-fringed T.

*Tortrix inquinitana*, *Hüb. To.* t. 8, f. 43, 1801.

*Pseudotomia Jacquiniana*, var., *Step. (C.* ii. 175, 1829).

(*Haw. L. B.* 444, 1812!)

Austria.

Page 61.

### 45. GRAPHOLITA.

#### a. RHYACIONIA.

*Rhyacionia*, *Hüb. V.* 379, 1816.

1 a. GRAPHOLITA? HASTANA.\* The Hastian T.

*Tortrix Hastana*, *Hüb. To.* t. 29, f. 186, 1801.

*Rhyacionia Hastana*, *Step. H.* iv. 419, 1834. *Wood, I. E.* t. 37, f. 1132, 1834.

(*Wood, I. E. l. c.* 1834!)

b. CYDIA.

*Cydia*, *Hüb. V.* 375, 1816.

1 b. GRAPHOLITA ASPIDISCANA. The Bright Sealed T. B. M.

*Tortrix aspidiscana*, *Hüb. To.* t. 41, f. 256, 1814.

*Carpocapsa aspidiscana*, *Step. H.* iv. 120, 1834. *Wood, I. E.* 146, t. 33 f. 978.

Var. a. *Tortrix Zachana*, *Hüb. To.* t. 38, f. 243, 1812.

Var. ? b. *Tortrix Monetulana*, *Hüb. To.* t. 41, f. 257, 1814.

(*Cur. G.* 170, 1831!)

France.

Page 63.

c. ANCYLIS.

*Ancylis*, *Hüb. V.* 376, 1816.

13 a. GRAPHOLITA VAPPANA.\* The Dubious T.

*Tortrix Vappana*, *Hüb. To.* t. 38, f. 241, 1812.

(*Cur. G.* 169, 1831!)

S. Europe?

Sub-Fam. VI. SCIAPHILIDI.

Page 64—66.

48. CNEPHASIA.

a.' SYNDEMIS.

*Syndemis*, p., *Hüb. V.* 382, 1816.

## 7a. CNEPHASIA WAHLBOMIANA.\* The Wahlbomian T.

Phalæna-To. Wahlbomiana, *Lin. S. N. i.* 533, 1758.Tortrix Wahlbomiana, *Hüb. To. t.* 32, f. 203, 1810.

(Haw. L. B. 431, 1812!)

Europe.

## 14a. CNEPHASIA? FULIGANA.\* The Dark-barred Gray T.

Tortrix fuligana, *Hüb. To. t.* 17, f. 109, 1801.

(Haw. L. B. 465, 1812!)

Germany?

Page 67.

## 49. SYNDEMIS.

## b. NEPHODESMA.

Nephodesma, p., *Hüb. V.* 390, 1816.

## 2. SYNDEMIS? ASINANA.\* The Large Gray T.

Phalæna asinana, *Clerck, Ic. t.* 2, f. 4, 1759; *teste Guén. Mi.* 30, 1845.Tortrix asinana, *Hüb. To. t.* 16, f. 101, 1801.

(Haw. L. B. 464, 1812!)

England?

## c. PHILEDONE.

Philedone, p., *Hüb. V.* 389, 1816.

## 3. SYNDEMIS? CINCTANA.\* The Chalk-hill T.

Tortrix cinctana, *Schiff. (W. V.)* 129, 1776).Pyrallis cretana, *Fab. E. S. iii. b.* 250, 1794.Tortrix albidana, *Hüb. To. t.* 21, f. 132, 1801.

(Haw. L. B. 464, 1812!)

Central France.

Page 70—71.

Sub-Fam. VIII. SERICORIDI.

58. ORTHOTÆNIA.

2a. ORTHOTÆNIA FASCIOLANA.\* The Small Straight-barred T.

*Tortrix fasciolana*, *Hüb. To. t.* 41, f. 260, 1814.

*Orthotænia fasciolana*, *Step. H. iv.* 132, 1834.

(*Step. H. l. c.* 1834 !)

Germany.

Page 72.

61. SERICORIS.

a. CELYPHA ?

5a. SERICORIS FLAVOFASCIANA.\* The Yellow-barred T.

*Rhyacionia flavofasciana*, *West. & H. M. ii.* 173, t. 99, f. 16, 1844.

(*West. & H. M. l. c.* 1844 !)

N. America ?

c. EUDEMIS.

12a. SERICORIS BIPUNCTANA.\* The Double-spotted T. B. M.

*Pyrallis bipunctana*, *Fab. E. S. iii. b.* 250, 1794.

*Tortrix Charpentierana*, *Hüb. To. t.* 45, f. 281, 1816.

(*Cur. G.* 171, 1831 !)

Austria, Italy.

15. SERICORIS ? LEDIANA.\* The Ledian T.

*Phalæna-To. Lediana*, *Lin. S. Nat. i.* 532, 1758.

(*Haw. L. B.* 459, 1812 !)

Sweden.

16. SERICORIS PENTHINANA.\* The Cloaked Likeness T.

*Sericoris penthinana*, *Guén. Ann. E. S. Fr. 2 Ser. iii.* 159, 1845.

(*Guén. l. c.* 1845 !)

England ?

## Sub-Fam. IX. COCHYLIDI.

Page 77.

## 66. CHROSIS.

## 1 a. CHROSIS DECIMANA.\* The Ten-spotted T.

*Tortrix decimana*, Schiff. (*W. V.* 300, 1776), *Hüb. To.* t. 23, f. 145, 1801.

*Argyrolepia decimana*, Step. *H.* iv. 177, 1834.

(*Step. C.* ii. 190, 1829!)

Austria.

Page 83.

## EUPÆCILIA.

## e. EUDEMIS.

## 18. EUPÆCILIA? PUSTULANA.\* The Dull-blotched T.

*Tortrix pustulana*, *Hüb. To.* t. 33, f. 208, 1812.

*Zeiraphera pustulana*, Cur. (*G.* 168, 1831).

(*Cur. G. l. c.* 1831!)

S. Europe?

## 70 a. ARGYROPTERA.

*Argyroptera*, Dup. *L. F.* xi. 24, 1834.

*Eugnosta*, p., *Hüb. V.* 394, 1816.

## 1. ARGYROPTERA LATHONIANA.\* The Lathonian T.

*Tortrix Lathoniana*, *Hüb. To.* t. 30, f. 189, 1801.

*Argyrolepia Lathoniana*, Step. (*C.* ii. 190, 1829). *Id. H.* iv. 176, 1834. *Wood, I. E.* 164, t. 37, f. 1120.

(*Haw. L. B.* 402, 1812!).

Hungary.

## APPENDIX.

---

Page 12.

OXIGRAPHA SCOTANA, Guén. MSS.

OXI. *Alis anticis albidis, atomis fuscis substrigulatis, lituraque media brunnea; posticis fuscis apicibus strigulis saturatioribus; ciliis albidis.* (Exp. Alar. 10 lin.)

Head, thorax, and anterior wings whitish, with a faint greenish tinge, the latter sprinkled with numerous fuscous dots, somewhat dispersed in irregular transverse interrupted streaks, and forming by their confluence in the costa five or six fuscous spots: on the disk is a short longitudinal brown stripe, and at the base of the cilia, towards the anterior edge of the wings, a few distinct brown dots: posterior wings fuscous, with some darker streaks towards the apex; fringe whitish.

Black Forest, Perthshire; Scotland.

Page 13—14.

PERONEA CRISTANA.

Var. *jj.* *Peronea semistriana*, Desv. Zool. iii. 843, 1845.

Var. *kk.* *Peronea profundana*, Desv. Zool. iii. 843, 1845.

Page 18.

PERONEA? CALEDONIANA, Bentley, MSS.

PER.? *Alis anticis subacutis, rufo-brunneis fusco subreticulatis, macula obliqua costali obscuriore, posticis fuscescentibus.* (Exp. Alar. 6 lin.)

Head, thorax, and anterior wings red-brown, the latter rather narrow and somewhat acute at the tip, obscurely reticulated with



fuscous, with an oblique dusky spot towards the middle of the costa, and a faint rounded one near the tip; fringe ochreous brown: posterior wings pale brownish; fringe brownish at the base, the tip ochreous.

Some examples have a distinct black dot near the inner margin, towards the base; and others have the oblique costal spot more distinct than usual.

Near Edinburgh.

Page 19.

PARAMESIA SHEPHERDANA, *Step. MSS.*

*Tortrix gnomana*, var.  $\epsilon$ . *Haw. P. L. B.* 418, 1812.

PAR. *Alis anticis scabris, subretusis rufo-ferrugineis reticulatis, nebulis tribus fuscis costalibus, ciliis rufis; posticis albicantibus.* (Exp. Alar. 8—9 lin.)

Head, thorax, and anterior wings—which are somewhat retuse—deep red-brown; the latter reticulated with fuscous, especially towards the apex; on the costa are two indistinct brown clouds, and a third on the disk darker, and united by an obscure dash to the hinder costal one; the hinder margin with a distinct red-brown line; fringe glossy-red: posterior wings whitish, clouded and slightly reticulated with fuscous towards the tip; fringe reddish.

Near Shepherd's Bush, Middlesex.

Page 35.

LITHOGRAPHIA EXCRUCIANA, *Step. MSS.*

LITH. *Alis anticis rufo-testaceis, obsoletissime fusco strigatis; posticis fuscis basi pallescente.* (Exp. Alar. 7 lin.)

Closely allied to var. *a.* of the foregoing species, but with the anterior wings of a brighter red, and very obscurely streaked with oblique brown strigæ; the costa with a few whitish spots, divided by a dusky line, towards the apex: hinder wings dull brown, with the base pale; fringe tawny-brown.

It is possible that this unique male specimen may be only a singular var. of *L. trimaculana*. It was found in Devonshire, in June.

LITHOGRAPHIA GEMINANA, *Step. MSS.*

LITH. *Alis anticis purpureo-brunneis nebulosis, fascia basi triangulari punctoque apice fuscis, costa strigis geminatis albidis.* (Exp. Alar. 7 lin.)

Front pale; thorax and anterior wings purplish-brown and shining; the latter with a large triangular fuscous patch at the base, and an oblique indeterminate streak of the same passing from about the middle of the costa nearly to the anal angle; the apical portion of the costa itself with eight pale silvery-white streaks, placed obliquely, and each divided by indistinct brown lines, the tip of the wing fuscous; cilia brown, with darker clouds: posterior wings fuscous, with brown fringes.

Whittlesea Mere and Yorkshire.

## Page 36.

## PHLEODES TETRAQUETRA.

*Grapholitha recondana*, *Becker*, in *B. M. coll. exot.*

## Page 40.

BACTRA NIGROVITTANA, *Step. MSS.*

BAC. *Alis anticis luteo-albidis, plaga longitudinali nigra, in qua vitta angulata atra.* (Exp. Alar. 7—7½ lin.)

Probably a local variety of *B. lanceolana*: head, thorax, and anterior wings of a pale luteous-white, the latter with a broad, irregularly defined, longitudinal black streak, extending from the base to the apex, having a darker angulated patch in the middle on the disk, and a spot of similar hue between it and the base; towards the apex of the wings are a few indistinct yellowish oblique streaks; fringe ochreous: posterior wings fuscous; fringe pale.

Scotland.

## 2a. BACTRA DIBELIANA. The Dark Drab T.

*Tortrix dibeliana*, *Hüb. To. t. 43, f. 272, 1816.*

*Page 45.**PÆILOCHROMA STABILANA, Step. MSS.*

This supposed species, which occurred during the past summer, in considerable plenty, with scarcely any variation, at Whittlesea Mere, appears upon a maturer examination, to be too closely allied to some of the numerous varieties of *P. Brunnichana*, especially to var. *e*, to be considered as a distinct species, the name must therefore be expunged from our lists. The Tortrices are peculiarly disposed to vary, and in no genus more so than in the present, hence the supposition that the so-called *stabilana* was distinct from the general uniformity of the specimens; but instances do occur, where, from some unknown cause, an insect varies less in one locality than another.

*Page 52.**PAMPLUSIA ALTICOLANA, Step. MSS.*

*PAMP. Alis anticis castaneo-brunneis, strigis argenteis, marginibus internis et posticis nigro variegatis.* (Exp. Alar.  $7\frac{1}{2}$  lin.)

Front pale reddish; crown, thorax, and anterior wings deep shining chestnut brown; the latter with three silvery streaks, placed obliquely, the first about the middle of the costa, the other two equidistant from each other and the tip of the wing; on the costa itself are a few snowy-white spots, and some blackish streaks at the tip; the inner margin of the wing and a portion of the disk towards the hinder margin clouded with black; fringe deep brown, with the apical portion paler: hinder wings deep fuscous; fringe reddish brown, slightly clouded.

Scotland.

*Page 60.**DICHRORAMPHA CONSORTANA, Step. MSS.*

*DICH. Alis anticis subpurpureo-fuscis, strigis interruptis atris, costa albo nigroque punctata.* (Exp. Alar. 5 lin.)

Head, thorax, and anterior wings fuscous, with a slight purplish tinge, the latter with numerous transverse deep black streaks dis-

posed irregularly, but forming two or three prominent angles pointing towards the apex of the wing, the hinder margin with about eight black dots; and the costa with alternate black and white spots, from the former of which some of the transverse streaks originate; on the disk are a few white scales, and on the inner margin an indistinct triangular patch of the same, traversed with two brown streaks; fringe leaden brown: posterior wings fuscous, fringe pale fuscous, with a darker line.

Near London.

Page 65.

CNEPHASIA PERPLEXANA, *Step. MSS.*

CNEP. *Alis anticis albido-cinereis, macula basali unangulata, fascia obliqua, nebulisque duabus posticis, fuscis; posticis luteo-cinereis.* (Exp. Alar. 8 lin.)

Head and thorax yellowish ash-colour; anterior wings dull whitish ash, thickly sprinkled with brownish scales, with a large angulated brown fascia at the base, not extending to the inner margin; a broad, nearly straight one from the middle of the costa to the anal angle, a rounded spot on the costa between the fascia and the tip, and a border on the hinder margin; fringe ashy, with brown scales: posterior wings luteous ash; fringe ochreous: anal tuft lutescent.

Near London; distinguished by its pale under wings.

Page 66.

CNEPHASIA INCANANA, *Step. MSS.*

CNEP. *Alis anticis cinereo-albidis, fascia basali rotundata, secunda obliqua media, margineque postico nigro-fuscis.* (Exp. Alar. 7—8 lin.)

Head hoary; thorax and anterior wings pale ashy-white, or hoary, with a few dusky scales; near the base is a distinct deep fuscous bar, rounded externally, and not reaching to the inner margin; on the costa towards the middle is a similarly coloured bar, extending across the wing, but not to the anal angle, this bar is well-defined

and bi-angulated on the basal edge, but on the hinder one it is gradually shaded off to the ground colour; the hinder margin is also fuscous, with a curved black transverse streak, reaching from the costa to nearly the anal angle; fringe ashy: posterior wings and fringe pale fuscous.

Scotland; Perthshire.

Page 68.

*ARGYROTÆNIA COGNATANA*, *Step. MSS.*

ARG. *Alis anticis argenteo-cinereis, macula angulata basali nebulisque brunneis, posticis fuscis.* (Exp. Alar. 7 lin.)

Head and thorax red-brown; anterior wings silvery-ash, with an angulated red-brown fascia at the base, some large spots of the same, forming an interrupted, oblique band from the costal to the anal angle, and some smaller spots of the same on the hinder margin; fringe red-brown: posterior wings fuscous, the apex darkest; fringe ochreous-brown.

In the specimen described, the only one I have seen, the anterior wings appear to be narrowed, from the insect having been killed too soon after exclusion from the pupa.—*J. F. S.*

Scotland.

*ARGYROTÆNIA FUSCOCILIANA*, *Step. MSS.*

ARG. *Alis anticis brunneis fasciis duabus, maculisque apicibus argenteo-albis, ciliis nigro-fuscis.* (Exp. Alar. 7 lin.)

Head and thorax fuscous: anterior wings deep dusky-brown, with an oblique irregular silvery-white band towards the base, and another placed slantingly to the inner marginal spot of the anal angle (in *A. politana* it tends to the hinder margin), both these bands are divided throughout their length, by a waved brown line, the apical portion of the wing is spotted with silvery-white; fringe entirely deep blackish-brown: posterior wings fuscous; fringe paler.

Near London.

Page 80.

**EUPÆCILIA ATRICAPITANA, Step. MSS.**

**EUP.** *Alis anticis albis, basi, fascia obscura media apiceque fusco-nigris; capite palpisque nigris.* (Exp. Alar. 6 lin.)

Head and palpi black; anterior wings dirty-white, clouded with dusky, the base and apex black, and an obscure irregular fascia of the same in the middle; costa with some black dots; fringe dusky: posterior wings fuscous, with paler fringe.

Near Bristol.



# SYNOPSIS OF SPECIES.

*Indicates doubtful natives : ( — ) doubtful species.*

## Hylophila

prasinana  
Quercana

## Earias

clorana

## Tortrix

viridana  
palleana  
icterana  
Viburnana

## Lozotænia

Forsterana  
Sorbiana  
dumetana  
transitana  
cinnamomeana  
heparana  
Ribeana  
Corylana  
unifasciana  
\* croceana  
piceana  
fulvana  
Roborana  
Xylosteanana  
Rosana  
\* subocellana  
semialbana  
\* ochreana

## Lozotænia

costana  
\* gnomana  
\* trifasciana  
\* biustulana  
\* ? obliquana  
Branderiana

## Dichelia

Grotiana

## Amphisa

Gerningiana  
prodromana

## Ænecra

Pilleriana

## Sarrothripa

Revayana

## Oxigrapta

literana  
Scotana  
scabrana  
Boscana  
\* Leacheana

## Peronca

cristana  
Hastiana  
\* divisana  
umbrana  
maccana  
rufana



**Peronea**

(Lipsiana)  
 favillacea  
 Schalleriana  
 comparana  
 Caledoniana  
 permutana  
 variegana  
 tristana  
 \* borana

**Paramesia**

Shepherdana  
 ferrugana  
 \* Modeeriana  
 \* peregrinana  
 aspersana  
 \* Steineriana

**Cheimatophila**

mixtana

**Teras**

caudana

**Dictyopteryx**

contaminana  
 uliginosana  
 Löfflingiana  
 Forskahliana

**Cræsia**

Holmiana  
 \* trileucana  
 Bergmanniana

**Argyrotoza**

Conwayana

**Ptycholoma**

Lecheana

**Eulia**

ministrana

**Brachytænia**

semifasciana  
 Hartmanniana

**Antithesia**

corticana  
 Betulætana  
 Capræana  
 ochroleucana

**Antithesia**

prælongana  
 Sororculana  
 Cynosbatella  
 Pruniana  
 dimidiana  
 sauciana  
 Grevillana  
 sellana  
 \* Gentianana  
 marginana  
 ustulana

**Penthina**

Salicella

**Pardia**

tripunctana

**Spilonota**

Roborana  
 Rosæcolana  
 trimaculana  
 amœuana  
 \* incarnatana  
 neglectana  
 dealbana  
 Alnetana?  
 Aceriana  
 ocellana  
 pauperana

**Lithographia**

Paykulliana  
 nisella  
 cinerana  
 nigromaculana  
 Campoliliana  
 minutana  
 trimaculana  
 excruciana  
 Penkleriana  
 obtusana  
 nævana  
 geminana

**Phlæodes**

tetraquetra  
 immundana

**Phlæodes**

Demarniana  
crenana?

**Anchylopera**

ramella  
Upupana  
Mitterbacheriana  
diminutana  
derasana  
Lundana  
Myrtillana  
comptana  
biarcuana  
uncana  
unguicella  
siculana

**Bactra**

lanceolana  
(nigrovittana)  
dibeliana  
furfurana

**Cartella**

bilunana

**Hypermecia**

angustana

**Ditula**

angustiorana

**Pæcilochroma**

profundana  
corticana  
ophthalmicana  
oppressana  
occultana  
signatana  
Solandriana  
Brunnichana  
(stabilana)  
piceana  
\* Schreberiana

**Halonota**

bimaculana  
\* similana  
Cirsiana  
scutulana

**Halonota**

(novana)  
Brunnichiana  
\* rusticana  
turbidana  
fœnella  
trigeminana  
costipunctana  
tetragonana  
Populana  
nigricostana  
obscurana

**Anisotænia**

Ulmana

**Semasia**

spiniana  
Janthinana  
rufillana  
Wæberana

**Coccyx**

cosmophorana  
Strobilella  
splendidulana  
argyrana  
finitimana  
Hyrciniana  
ustomaculana  
nausana  
Vaciniana

**Heusimene**

fimbriana

**Pamplusia**

subsequana  
(Alticolana)

**Retinia**

Buoliana  
Pinicolana  
Turionella  
Pinivorana  
\* Resinella  
sylvestrana

**Carpocapsa**

splendana  
grossana

**Carpocapsa****Pomonella**\* **amplana****Opadia****funebrana****Endopisa****nigricana****proximana****Ephippiphora****Germanana****puncticostana****Trauniana****regiana****nitidana****Weirana****Lathyrana** ?**compositella****internana****perlepidana****Leplastriana****Heegerana** ?**coniferana****fissana****dorsana****Dichrorampha****Petiverella**\* **inquitana****sequana****politana****Alpinana****simpliciana****senectana****acuminatana****saturnana****plumbagana****Ulicana****consortana****Eucelis****aurana****Hemerusia****Rheediella****Grapholita**\* **Hastana****aspidiscana****Grapholita****Albersana****Ulicetana****(assecclana)****Juliana****Hypericana** ?**Wimmerana****lacteana** ?**Scopoliana****Hohenwarthiana****æmulana****cœcimaculana****expallidana**\* **Vappana****Thiodia****citrana****Sphaleroptera****ictericana****Cnephasia****decolorana****perterana** ?**obsoletana****passivana****subjectana****Virgaureana****alternella**\* **Wahlbomiana****perplexana****sinuana****cretaceana****octomaculana****incanana****Penziana** ?**hybridana**\* **fuligana****nubilana****Syndemis****musculana**\* **asinana**\* **cinctana****Phtheochroa****rugosana****Argyrotaenia****politana**

- Eupœcilia**  
     *rupicola*  
**Argyrotænia**  
     *cognatana*  
     *fuscociliana*  
**Eriopsefa**  
     *fractifasciana*  
     *quadrana*  
**Capua**  
     *ochraceana*  
**Clepsis**  
     *rusticana*  
**Ablabia**  
     *pratana*  
**Tortricodes**  
     *hyemana*  
**Argyroploce**  
     *Arbutella*  
     *fulvipunctana*  
     *purpurana*  
**Orthotænia**  
     *Ericetana*  
     *striana*  
     \* *fasciolana*  
     *antiquana*  
**Notocelia**  
     *Udmanniana*  
**Sideria**  
     *Achatana*  
**Sericoris**  
     *conchana*  
     *herbana*  
     *lacunana*  
     *Urticana*  
     *alternana*  
     \* *flavofasciana*  
     *uncana*  
     *bistrigana*  
     *fuligana*  
     *latifasciana*  
     *Euphorbiana*  
     *bifasciana*  
     \* *bipunctana*  
     *littorana*
- Sericoris**  
     *cespitana*  
     \* *Lediana*  
     \* *penthinana*  
**Mixodia**  
     *Schulziana*  
     *palustrana*  
     *tenerana*  
**Roxana**  
     *arcuana*  
**Lobesia**  
     *reliquana*  
**Cerata**  
     *Servillana*  
     *simplana*  
**Chrosis**  
     *tesserana*  
     \* *decimana*  
     *Audouinana*  
**Dapsilia**  
     *rutilana*  
**Argyrolepiea**  
     *æneana*  
     *Schrebersiana*  
     *Mussehlana*  
     *Baumanniana*  
     *badiana*  
     *Cnicana*  
     *Dubrisana*  
**Eupœcilia**  
     *atricapitana*  
     *dubitana*  
     *nana*  
     *maculosana*  
     *Sodaliana*  
     *Carduana*  
     *ambiguella*  
     *angustana*  
     *affinitana*  
     *(Vectisana)*  
     *griseana*  
     *notulana*

**Eupœcilia**

flaviciliana  
 roseana  
 subroseana  
 ruficiliana  
 \* pustulana

**Argyridia**

dipoltella

**Argyroptera**

\* Lathoniana

**Lozopera**

Francoillana  
 dilucidana  
 Smeathmanniana  
 straminea  
 alternana •

**Xanthosetia**

hamana  
 Zægana  
 inopiana

*Add* **Coccyx pygmæana.**

„ **Pamplusia Monticolana.**

*Dele* „ **subsequana.**

# INDEX.

---

## A.

- Abietana, Tort. 51  
 Abilgaardana, Pyr. 18  
 ABLABIA, 69  
 Abscissana, Seric. 74  
 Absinthiana, Tort. 63  
 Acala, 17, 43  
 Acerana, Tort. 4, 7  
 Aceriana, Lozot. 4  
 " Pædi. 31  
 " Spil. 31  
 Achatana, Sider. 72  
 " Tort. 72  
 Acleris, 17, 19  
 acuminatana, Dich. 59  
 " Graph. 59  
 acutana, Tort. 25  
 adjunctana, Tort. 4  
 adpersana, Tort. 20  
 Æmulana, Celyp. 73  
 " Graph. 62  
 " Sema. 62  
 Æneetra, 9  
 sneana, Argy. 78  
 " Tort. 78  
 seruginana, Oxig. 12  
 sestivana, Teras. 20  
 Aethes, 84  
 Æthiopana, Ditu. 42  
 " Tort. 42  
 affinitana, Cochy. 82  
 " Eupos. 82  
 Afzeliana, Phal. 10  
 Afzelianus, Sarr. 10  
 Ahrensiana, Tort. 75  
 albana, Antic. 34  
 " Pero. 18  
 " Tort. 34  
 Albersana, Grap. 61  
 " Tort. 61  
 albicostana, Pero. 16  
 albidana, Tort. 94  
 Albionana, Retin. 53  
 albipuncta, Pero. 13  
 albipunctana, Pero. 13  
 albipunctana, Tort. 13  
 albistriana, Pero. 15  
 " Tort. 15  
 alboflammana, Pero. 13  
 albovitana, Pero. 14  
 albulana, Sciap. 66  
 alcella, Tinea, 77  
 Aleimma, 23  
 Alnetana, Spil. 31  
 Alphonsiana, Tort. 42  
 alpinana, Dich. 59  
 " Ephip. 58  
 " Grap. 59  
 alternana, Lozop. 84  
 " Orth. 73  
 " Seric. 73  
 alternella, Cnep. 65  
 " Epig. 70  
 " Tort. 65  
 Alticolana, Pamp. 52, 100  
 ambiguana, Coch. 77  
 " Tort. 81  
 ambiguella, Eupos. 81  
 " Telea, 81  
 " Tinea, 81  
 Amelia, 90  
 Ameriana, Alefm. 23  
 " Phal. 7  
 " Tort. 6  
 amoenana, Penth. 31  
 " Spilo. 31  
 " Tort. 31  
 AMPHISA, 9, 41  
 Amphysa, 9  
 amplana, Carp. 93  
 " Spil. 92  
 " Tort. 92  
 ANCHYLOPERA, 37  
 Ancylis, 37, 39, 93  
 angulana, Stæg. 36  
 " Tort. 36  
 angustana, Eupos. 81  
 " Tort. 81  
 angustiorana, Ditula, 41  
 " Tort. 41  
 ANISOTENIA, 48  
 antiquana, Orth. 71  
 " Tort. 71  
 Antiolea, 32, 37  
 ANTITHRSIA, 26, 29  
 Aphanis, 12, 26  
 Aphelia, 2, 39, 69  
 apicalia, Argy. 78  
 Apotomis, 26  
 approximana, Pyr. 20  
 aquana, Spil. 30  
 " Tort. 30  
 aquilana, Tort. 15  
 Arbutana, Tort. 70  
 Arbutella, Euchr. 70  
 " Phal. 70  
 arcuana, Phal. 76  
 " Roxana, 76  
 areolana, Tort. 48  
 argyrana, Coecyx, 50  
 " Spilo. 47  
 " Tort. 50  
 ARGYRIDIA, 83  
 ARGYROLEPIA, 78  
 ARGYROFLOCE, 70  
 Argyroptera, 69, 96  
 ARGYROTENIA, 67  
 ARGYROTOZA, 23, 24, 60, 76  
 Artemesiana, Tort. 59  
 asinana, Cnep. 65  
 " Phal. 94  
 " Synd. 94  
 " Tort. 65, 94  
 asperana, Pero. 18  
 " Pyr. 18  
 " Tort. 11  
 aspersana, Acleris, 80  
 " Para. 20  
 " Tort. 20  
 Aspidia, 71  
 aspidiscana, Carp. 93  
 " Grap. 93  
 " Tort. 93  
 Aspila, 49, 56  
 Aspis, 71, 72  
 Aspidilana, Tort. 3

- assecclana, Antic. 34  
 „ Ditula, 42  
 „ Grap. 61  
 „ Tort. 42, 61, 91  
 assimilana, Pero. 14  
 Astatia, 44  
 Asthenia, 34, 80  
 atomella, Depr. 16  
 atricapitana, Eupos. 89, 103  
 atomargana, Pseud. 50  
 „ Tort. 50  
 atropunctana, Penth. 28  
 atropurpurana, Pseud. 55,  
 59  
 „ Tort. 55  
 atrosignana, Tort. 22  
 Audouinana, Argy. 78  
 „ Chro. 78  
 augustana, Hype. 41  
 „ Tort. 41  
 aurana, Eucel. 60  
 „ Pseud. 60  
 „ Pyr. 60  
 „ Tort. 60  
 aurantiana, Grap. 60  
 aurifasciana, Carp. 66  
 aurofasciana, Orth. 66  
 „ Seric. 74  
 „ Tort. 74  
 autumnana, Pero. 15  
 „ Tort. 15  
 Avellana, Lozot. 4  
 „ Phal. 7  
 „ Tort. 4, 6  
 Axia, 10  
 B.  
 BACTRA, 39  
 badiana, Argy. 79  
 „ Lozop. 79  
 „ Phox. 38  
 „ Tort. 79  
 Batodes, 41  
 Baumanniana, Argy. 79  
 „ Lozop. 79  
 „ Tort. 79  
 bellana, Cnep. 86  
 Bentleyana, Orth. 75  
 „ Pero. 14  
 „ Phal. 75  
 Bergmanniana, Argy. 24  
 „ Croc. 24  
 „ Phal. 24  
 Betulana, Phal. 8  
 Betuletana, Anti. 26  
 „ Tort. 26, 27  
 biareuana, Anch. 39  
 bicolorana, Tort. 2  
 bifasciana, Phal. 11  
 „ Seric. 75  
 „ Tort. 75  
 bifidana, Acleris, 20  
 „ Para. 20  
 „ Tort. 20  
 biliturana, Phal. 71  
 blunana, Antic. 40  
 „ Carta. 40  
 „ Eupos. 40  
 „ Tort. 40  
 bimaculana, Halo. 45  
 „ Phal. 45  
 bipunctana, Pyr. 95  
 „ Seric. 95  
 bistriana, Pero. 16  
 „ Tort. 16  
 bistrigana, Argy. 74  
 „ Seric. 74  
 biustulana, Lozot. 68  
 Bæberana, Pyr. 33  
 „ Steg. 33  
 „ Tort. 33  
 Bollingerana, Kclec. 15  
 Borana, Pero. 18, 89  
 „ Pyr. 89  
 „ Tort. 18  
 boreana, Pero. 18  
 Boscana, Oxig. 12  
 „ Pero. 19  
 „ Pyr. 12  
 „ Tort. 19, 24  
 brachiana, Tort. 20  
 BRACHYTÆNIA, 25  
 Branderiana, Lozot. 7, 8  
 „ Phal. 8  
 „ Tort. 7  
 Brunnichana, Phal. 44  
 „ Pæcil. 44  
 Brunnichiana, Halo. 46  
 „ Tort. 46  
 brunnea, Pero. 14  
 brunneana, Pero. 14  
 Buoliana, Reti. 52  
 „ Tort. 52  
 Buringerana, Tort. 15  
 Byringerana, Pero. 15  
 „ Tort. 15  
 C.  
 Cacoesia, 6, 87  
 Caledoniana, Pero. 18, 98  
 caliginosana, Dich. 59  
 „ Grap. 59  
 „ Tort. 59  
 Campoliliana, Lith. 34  
 „ Tort. 34  
 cana, Carpo. 62  
 „ Sema. 62  
 „ Tort. 62  
 cantiana, Cnep. 69  
 capillana, Sphal. 64  
 Capreana, Anti. 27  
 Capreana, Penth. 26  
 „ Tort. 27  
 CAPUA, 68  
 capucina, Pero. 13  
 Carduana, Catop. 62  
 „ Coch. 81  
 „ Eupos. 81  
 Caricana, Eriop. 68  
 carneana, Eupos. 80  
 Carpiniana, Tort. 5  
 CARPOCAPSA, 53, 92  
 CARTRELLA, 40  
 castaneana, Cheim. 21  
 „ Tort. 21  
 Catoptria, 61, 63  
 caudana, Glyp. 21  
 „ Pyr. 21  
 „ Teras. 21  
 „ Tort. 21  
 Celypha, 71, 72, 95  
 Cembrana, Evet. 51  
 centrovittana, Pero. 15  
 „ Tort. 15  
 Cerasana, Lozot. 5  
 „ Tort. 5  
 Cerusana, Acleris, 12  
 „ Param. 12  
 „ Tort. 12  
 CERATA, 77  
 cespitana, Orth. 76  
 „ Seric. 75  
 „ Tort. 75  
 Chantana, Pero. 14  
 characterana, Tort. 7  
 Charpentierana, Tort. 95  
 CHRISMATOPHILA, 20  
 Chloephora, 1  
 Chlidonia, 79  
 CHROSIS, 77, 78, 96  
 Chrysanthenana, Scia. 65  
 ciliana, Dict. 23  
 „ Tort. 23  
 ciliella, Tinea, 83  
 cinctana, Synd. 94  
 „ Tort. 94  
 cinerana, Cnep. 65  
 „ Lith. 34  
 „ Lozot. 41  
 „ Steg. 34  
 „ Tort. 34  
 cinnamomeana, Lozot. 5  
 „ Tort. 5, 7  
 cirrana, Pero. 18  
 Cirsiana, Halo. 45  
 „ Pædis. 45  
 „ Tort. 45  
 citrana, Thiodia, 63  
 „ Tort. 63  
 Clausthaliana, Tort. 51  
 CLEPSIS, 69  
 clorana, Earias, 2  
 „ Phal. 2

CNEPHASIA, 64, 67, 67, 93  
 Cnicana, Argy. 79  
 Coceyx, 50  
 Cochylis, 63, 69, 63, 64  
 coeimaaulana, Grap. 62  
 " Tort. 62  
 coenosana, Eupoe. 82  
 cognatana, Argy. 68, 102  
 combustana, Pero. 13, 15  
 " Tort. 15  
 comitana, Orth. 51  
 " Spil. 32  
 " Tort. 32, 51  
 Commophila, 78  
 communana, Pœcil. 43  
 " Pyr. 43  
 comparana, Pero. 18  
 " Tort. 18  
 compositella, Ephip. 56  
 " Pseud. 56  
 " Tinea, 56  
 composana, Tort. 56  
 comptana, Anch. 38  
 " Phox. 38  
 " Tort. 38  
 conchana, Seric. 72  
 " Tort. 72  
 Conchylis, 82  
 conceinnana, Pseud. 58  
 congenerana, Tort. 6  
 coniferana, Ephip. 57  
 " Grap. 57  
 consimilana, Pero. 14  
 " Tort. 6, 6  
 consobrinana, Anch. 35  
 consortana, Dich. 60, 100  
 conspersana, Cnep. 64  
 contaminana, Dich. 22  
 " Tort. 22  
 Conwayana, Argy. 24  
 " Pyr. 24  
 coronana, Pero. 15  
 " Tort. 15  
 corticana, Antic. 26  
 " Pœcil. 43  
 " Tort. 26, 43  
 Corylana, Lozot. 5  
 " Pyr. 5  
 " Tort. 5, 38  
 cosmophorana, Coceyx, 50  
 " Graph. 50  
 " Tort. 50  
 costana, Graph. 33  
 " Lozot. 8  
 " Pyr. 8  
 " Tort. 8  
 costimaaulana, Acleris, 18  
 " Per. 18  
 costipunctana, Halo: 47  
 " Spil. 47  
 " Tort. 47  
 crassana, Pero. 16, 16

Cratagana, Lozot. 7  
 " Tort. 4, 7  
 crenana, Phlœodra, 36  
 " Phox. 39  
 " Tort. 36  
 cretaceana, Cnep. 65  
 " Tort. 40  
 cretana, Pyr. 94  
 cristalana, Pero. 14  
 " Phal. 14  
 cristana, Pero. 13  
 " Pyr. 13  
 " Tort. 13, 18  
 croceana, Lozot. 6, 87  
 " Tort. 5, 6, 8, 87  
 CROSSIA, 23, 24, 90  
 cruciana, Lozot. 41  
 " Phal. 41  
 " Tort. 41  
 Curtisana, Pero. 13  
 cuphana, Grap. 68  
 curvifasciana, Cnep. 66  
 cuspidana, Anch. 39  
 " Phox. 38  
 " Steg. 33  
 " Tort. 33  
 Cydia, 54, 93  
 Cynosbana, Aspid. 30  
 " Spilo. 30  
 " Tort. 30  
 Cynosbatella, Antic. 27  
 " Phal. 27

## D.

Daldorfiana, Argy. 60  
 " Pyr. 60  
 Daleana, Seric. 73  
 Danticana, Pyr. 10  
 DAPSILIA, 78  
 dealbana, Spil. 31, 31  
 " Tort. 31  
 decimana, Argy. 77, 97  
 " Chro. 96  
 " Tort. 96  
 decolorana, Cnep. 64  
 decorana, Tort. 33, 34  
 decrepitana, Seric. 75  
 degenerana, Tort. 11  
 degeneranus, Sarr. 11  
 Demarniana, Phlœo. 36  
 " Tort. 36  
 densana, Tort. 16  
 derasana, Anch. 38, 38  
 " Phox. 35  
 " Tort. 38  
 Desfontianana, Pero. 13  
 " Pyr. 13  
 dibeliana, Bactra, 99  
 " Tort. 99

DICHELIA, 9  
 DICHRORAMPHA, 58, 92  
 DICTYOPTERYX, 22, 22,  
 23  
 dilucidana, Lozop. 84  
 dilutana, Tort. 11  
 dilutanus, Sarr. 11  
 dimidiana, Antic. 28  
 " Penth. 28  
 " Phal. 60, 91  
 " Tort. 22  
 diminutana, Anch. 38  
 " Tort. 38  
 dipoltella, Argy. 83  
 " Tinea, 83  
 dipsaceana, Coch. 83  
 dissimilana, Lozot. 6  
 " Tort. 45  
 distinctana, Coceyx, 51  
 distortana, Grap. 35  
 DITULA, 25, 41, 42  
 diurneana, Scia. 68  
 diversana, Tort. 65  
 " Kant. 85  
 divisana, Ephip. 58  
 " Per. 5, 89  
 " Tort. 69  
 Dolophora, 63  
 Donzeliana, Tort. 8  
 Dormoyana, Grap. 74  
 " Seric. 74  
 dorsana, Ephip. 57, 58  
 " Pseud. 57  
 " Tort. 57, 58  
 dorsivittana, Grap. 35  
 Douglasana, Coceyx, 51  
 dubitana, Eupoe. 75, 80  
 " Tort. 80  
 Dubrisana, Argy. 79  
 " Coch. 79  
 " Lozop. 79  
 Dumerilliana, Bato. 41  
 dumetana, Lozot. 4  
 " Tort. 4  
 duplana, Tort. 53

## E.

Eana, 64  
 EARIAS, 2  
 Earia, 2  
 Eclectis, 13  
 ectypana, Tort. 23  
 Edleriana, Pyra. 76  
 effractana, Glyp. 21  
 " Pyr. 21  
 " Teras, 21  
 " Tort. 21  
 egenana, Aphelia, 40  
 " Bactra, 40



egenana, Tort. 40  
 elevana, Pyr. 14  
 elutana, Serie. 25  
 emargana, Glyp. 21  
 " Phal. 21  
 " Pyr. 21  
 " Teras, 21  
 Enarmonia, 49, 53  
 EUDOPISA, 54  
 Eudothenia, 28  
 Epagoge, 9, 88  
 Ehippana, Pseud. 49  
 " Pyr. 13  
 " Tort. 47  
 EPHIPPIPHORA, 45, 55  
 Epiblema, 29, 46, 55  
 Epicharis, 37  
 Epinotia, 36, 42, 45, 91  
 Episagma, 91  
 Ericana, Phox. 39  
 Ericetana, Euch. 71  
 " Orth. 71  
 ERIOPSELA, 68  
 errana, Mixo. 76  
 EUCELIS, 60  
 Euchromia, 70  
 Eucosma, 76  
 Eudemis, 35, 48, 66, 74, 95,  
 96  
 Eugnosta, 96  
 EULIA, 25  
 Euphorbiana, Seri. 74  
 EUPHOCILIA, 80, 81, 96  
 Euspila, 56  
 Euxanthia, 85  
 Evetria, 50, 53, 75  
 excavana, Glyp. 21  
 " Teras, 21  
 " Tort. 21  
 excoecana, Tort. 41  
 excruciana, Grap. 35  
 " Lith. 35, 98  
 eximiana, Tort. 15  
 expallidana, Bactra, 63  
 " Grap. 63  
 " Tort. 63  
  
 F.  
  
 Fabriciana, Lozop. 84  
 " Tort. 84  
 feneana, Ehip. 47  
 Fagana, Chloe. 2  
 " Pero. 19  
 " Phal. 2  
 " Pyr. 2  
 Fagiglandana, Tort. 54  
 falcana, Tort. 39  
 falsana, Lopus, 19

fasciana, Orth. 71  
 " Phal. 27  
 " Tort. 5, 71  
 fasciella, Phal. 81  
 fasciolana, Orth. 71, 95  
 " Tort. 71, 95  
 favillacana, Per. 17  
 " Tort. 17  
 ferrugana, Para. 20  
 " Tort. 20, 20, 25,  
 85  
 " Xant. 85  
 fimbriana, Antie. 33  
 " Heusi. 51  
 " Tort. 33, 51  
 finitimana, Coccyx, 50  
 Fischerana, Coch. 77  
 fessana, Ehip. 58  
 flagellana, Argy. 84  
 " Tort. 84  
 flammeana, Tort. 70  
 flavana, Tort. 3, 3, 3, 5, 9  
 flaviciliana, Eupoc. 82  
 flavofasciana, Rhya. 95  
 " Seri. 95  
 flexulana, Erio. 68  
 Floricolana, Tort. 55  
 fluidana, Tort. 91  
 fenella, Halo. 47  
 " Phal. 47  
 " Spil. 47  
 formosana, Orth. 70  
 Forskaleana, Dict. 23  
 " Phal. 23  
 Forsterana, Lozop. 4  
 " Pyr. 4  
 fractifasciana, Anch. 39  
 " Eriop. 68  
 " Tort. 68  
 Franciliana, Lozop. 84  
 " Pyr. 84  
 fraternana, Tort. 50  
 Freyerana, Tort. 34  
 frutetana, Tort. 36  
 fuligana, Cnep. 94  
 " Seri. 74  
 " Tort. 74, 94  
 fulvana, Carpo. 62  
 " Lozot. 6  
 " Semas. 62  
 " Tort. 6  
 fulvella, Tines, 60  
 fulvipunctana, Eupoc. 70  
 " Tort. 70  
 fulvooristana, Pero. 14  
 fulvomixtana, Lept. 12  
 fulvostriana, Pero. 14  
 fulvovittana, Pero. 14  
 funalana, Anchy. 44  
 funebrana, Grap. 54  
 " Opadia, 54  
 furfurana, Bactra, 40

furfurana, Orth. 40  
 " Tort. 40  
 fuscana, Ablabia, 40  
 " Bactra, 40  
 " Lozot. 6  
 " Phal. 8  
 " Tort. 7  
 fuscociliana, Argyr. 68, 102  
  
 G.  
  
 Galiana, Tort. 3  
 Gallicolana, Grap. 47  
 " Tort. 47  
 geminana, Lith. 35, 99  
 " Phal. 39  
 gemmana, Orth. 52  
 " Tort. 52  
 Gentianana, Penth. 28  
 Gentianmana, Antit. 28  
 " Penth. 27  
 " Tort. 28  
 Germanana, Ehip. 55  
 " Epib. 55  
 " Tort. 19  
 Germmana, Tort. 55  
 Gerningiana, Amphisa, 9  
 " Phil. 9  
 " Tort. 6, 9  
 gigantana, Coch. 84  
 glareana, Scia. 66  
 Glyphiptera, 11, 19  
 Glyphipteryx, 11  
 Glyphisia, 21  
 guomana, Acleris, 20  
 " Lozot. 88  
 " Para. 20  
 " Phal. 88  
 " Tort. 8, 20, 88,  
 98  
 gramineana, Orth. 75  
 " Seri. 75  
 GRAPHOLITA, 61, 92  
 Grapholitana, Seri. 74  
 Grapholitha, 32, 61  
 Grevillana, Antit. 28  
 " Pent. 28  
 griseana, Eupoc. 82  
 " Tort. 82  
 Groenlandiana, Tort. 77  
 grossana, Carp. 54  
 " Tort. 54  
 Grossulariana, Lozot. 5  
 Grotiana, Dich. 9  
 " Lozot. 9  
 " Pyr. 9  
 Gueriniiana, Ehip. 57  
 Gundiana, Pseud. 57  
 " Tort. 57  
 Gyllenhabliana, Tort. 41

H.

Hæmyliana, Teras, 17  
 Halias, 1, 2  
 HALONOTA, 45, 91  
 hamana, Phal. 85, 86  
 " Xant. 85  
 Hartmanniana, Brach. 26  
 " Penth. 26  
 " Phal. 26,  
 79  
 harpana, Antio. 37  
 " Tort. 37  
 Hastana, Grap. 93  
 " Rhya. 93  
 " Tort. 93  
 Hastiana, Orth. 48  
 " Pero. 14  
 " Phal. 14  
 " Rhya. 48  
 " Tort. 15, 48  
 " Zeir. 48  
 Haworthiana, Orth. 73  
 Hedy, 29, 30, 90  
 Heegerana, Ephip. 57  
 Heiseana, Pyr. 77  
 Hemimene, 47, 50, 56, 58  
 HEMIBOSIA, 60, 92  
 heparana, Lozot. 5  
 " Tort. 5  
 herbana, Seric. 73  
 Hermanniana, Tort. 6  
 HEUSIMENE, 51  
 Hofmannseggiana, Argy. 24  
 " Tort. 24  
 Hohenworthiana, Grap.  
 62  
 " Tort. 62  
 Holmiana, Croesia, 23  
 " Lozot. 23  
 " Phal. 23  
 Hubnerana, Seri. 68  
 humidana, Cochy. 82  
 hybridana, Cnep. 66  
 " Tort. 66  
 hyemana, Tortrico. 69  
 " Tort. 21, 69  
 HYLOPHILA, 1  
 Hypericana, Carp. 61  
 " Grap. 61  
 " Semas. 61  
 " Tort. 61  
 HYPERBOSIA, 41  
 Hyrciniana, Coccyx, 51  
 " Pyr. 51  
 Hysterosia, 85

I.

Icterana, Tort. 3  
 ictericana, Cnep. 64

ictericana, Sphaler. 64  
 " Tort. 64  
 Illicana, Phal. 10  
 " Pyr. 10  
 Illicanus, Sarro. 10, 10, 11  
 immaculana, Stig. 55  
 immundana, Phal. 36  
 " Tort. 36  
 incanana, Cnep. 66, 101  
 incarnana, Antiolea, 31  
 " Tort. 31  
 incarnatana, Spilo. 90  
 " Tort. 90  
 ineisana, Grap. 49  
 inopiana, Tort. 85  
 " Xanth. 85  
 inquinatana, Dich. 92  
 " Tort. 92  
 insulana, Per. 13  
 internana, Ephip. 57  
 " Stigm. 57  
 interjectana, Cnep. 65  
 " Tort. 65  
 interrogationana, Phal. 47  
 irrorana, Lept. 11  
 " Tort. 11  
 Isertana, Pyr. 43

J.

Jacquiniiana, Pseud. 59,  
 92  
 " Tort. 58, 59  
 Janthinana, Coccyx, 49  
 " Sema. 49  
 Jullana, Grap. 61  
 " Phil. 61  
 " Phox. 61  
 Juncana, Leptia, 40  
 Jungiana, Ephip. 58  
 " Tort. 58  
 Juvenulana, Mixodia, 76

K.

Kollarana, Grap. 62

L.

Lactana, Pyr. 37  
 lacteana, Grap. 62  
 lacunana, Seri. 73  
 " Tort. 73  
 lætana, Pyr. 37  
 lævigana, Lozot. 7  
 " Tort. 7

Lambergiana, Phal. 76  
 lanceolata, Bactra, 40  
 " Semas. 61  
 " Tort. 40  
 laterana, Pyr. 18  
 Lathamiana, Phal. 10  
 Lathamianus, Serri. 10  
 Lathoniana, Argy. 96  
 " Tort. 96  
 Lathyrana, Ephip. 56  
 " Tort. 56  
 latifasciana, Seri. 74  
 " Tort. 17, 74  
 latorana, Tort. 63  
 Laviceana, Tort. 4  
 Leacheana, Ozig. 89  
 " Per. 89  
 Lecheana, Phal. 24  
 " Ptych. 24  
 Lediiana, Phal. 95  
 " Pseud. 49  
 " Seric. 95  
 " Tort. 49, 49, 78  
 Lefeburiana, Per. 13  
 Lepidana, Cnep. 67  
 Lepiastriana, Carp. 57  
 " Ephip. 57  
 Leptia, 39  
 Leptogramma, 11  
 leucomelana, Penth. 26  
 leucophæana, Per. 15  
 Lichenana, Per. 14  
 " Zeir. 43  
 lineana, Tort. 26  
 Lipsiana, Pero. 17  
 " Tort. 17  
 literana, Ozig. 11  
 " Lept. 11  
 " Phal. 11  
 " Tort. 11  
 litoralis, Cnep. 75  
 littorana, Seri. 75  
 LITHOGRAFIA, 38  
 lithoxylana, Grap. 35  
 lividana, Teras, 17  
 LOBESIA, 76, 77  
 Loderana, Ephip. 57  
 " Grap. 57  
 Lœflingiana, Dict. 23  
 " Phal. 23  
 Logiana, Acleris, 19  
 " Cnep. 65  
 " Per. 19, 19  
 " Tort. 19, 19, 65  
 longana, Cnep. 64  
 " Tort. 64  
 Lopas, 16, 89  
 Lophoderus, 25  
 Lorquiniana, Pero. 16  
 LUZOPERA, 79, 83  
 LUZOTÆNIA, 4, 23, 25, 90  
 lucidana, Teras, 16

lucidana, Tort. 16  
 luctuosana, Ephip. 47  
 lunana, Tort. 9  
 Lundana, Anch. 38  
     Pyr. 38  
 lunulana, Tort. 58, 58  
 luscana, Pyr. 32  
 luteolana, Eupos. 80  
     Tort. 10  
     " Xant. 10  
 Iyellana, Anch. 38

## M.

Maccana, Per. 16  
     Tort. 16  
 maculana, Pœcil. 43  
     Pyr. 43  
 maculosana, Eupos. 81  
     Tort. 61  
 margaritana, Argy. 83  
     Tort. 83  
 marginana, Antic. 28  
     Coch. 83  
     Tort. 28  
 maritimana, Carp. 62  
 marmorana, Per. 16  
     Seri. 72  
     " Spilo. 72  
     Tort. 72  
 marmoratana, Coch. 80  
     Lozop. 80  
 maurana, Pœcil. 8  
     Lozop. 8  
     Tort. 8  
 Mayrana, Tort. 15  
 mediana, Tort. 60  
 melaleucana, Pœdis. 45  
 Melodes, 76  
 Mercuriana, Tort. 67  
 micana, Seri. 73, 73  
     Tort. 73, 73  
 Miltonana, Tort. 48  
 ministrana, Eulia, 25  
     Loph. 25  
     Phal. 25  
 minorana, Penth. 31  
 minutana, Lith. 34  
     Tort. 34  
 Mitterbacheriana, Anch. 37  
     Antic. 35  
     " Tort. 35,  
     37  
 Mitterbachiana, Antic. 35  
     Tort. 35  
 Mixodia, 75  
 mixtana, Cheim. 21  
     Tort. 21  
 Modceriana, Lozot. 8, 87  
     Param. 89

Modceriana, Phal. 89  
     Tort. 8, 89  
 monachana, Pœdis. 36  
 monetulana, Tort. 93  
 montana, Tort. 58  
 Monticolana, Grap. 52  
 morbidana, Seri. 75  
 mortuana, Ephip. 45  
 musculana, Syda. 67  
     Tort. 67  
 Muschliana, Argy. 79  
     Coch. 79  
 Myrtillana, Anch. 35  
     Cnep. 61  
     " Phox. 38  
     " Seric. 51

## N.

navana, Antic. 36  
     Lith. 36  
     Tort. 35  
 nana, Eupos. 80  
     Tort. 80  
 nanana, Coccyx, 51  
 nebritana, Grap. 54  
 nebulana, Ditula, 42, 42  
     " Glyp. 42  
     " Lozot. 7  
     " Phal. 42  
 neglectana, Penth. 31  
     Spilo. 31  
     " Sema. 62  
 Nephodesme, 8, 89, 94  
 nigricana, Carp. 54  
     Eudo. 54  
     " Pseud. 54  
     Pyr. 54  
 nigricostana, Halo. 48  
     Spilo. 48  
     " Tort. 48  
 nigripunctana, Tort. 21  
 nigromaculana, Antic. 34  
     Lith. 34  
     " Tort. 34  
 nigrovittana, Bactra, 40, 99  
 nimbana, Grap. 61  
 nisella, Lith. 33  
     Phal. 33  
 nitidana, Ephip. 56  
     Pseud. 56  
     " Pyr. 56  
 notana, Phal. 20  
 notata, Pseud. 55  
 NOTOCHELIA, 32, 33, 71, 80  
 notulana, Coch. 82  
     " Eupos. 82  
     " Oxig. 11  
 novana, Ephip. 46  
     Halo. 46

nubiferana, Spil. 27  
     Tort. 27  
 nubilana, Cnep. 66  
     Tort. 66  
 nubilea, Diur. 69  
     " Opori. 70  
 Nyctemerana, Tort. 18

## O.

obliquana, Lozot. 7, 88, 90  
     " Pyr. 68  
     " Tort. 71  
 obliterana, Tort. 6  
 oblongana, Antic. 28  
     Tort. 28  
 obsoletana, Cnep. 64, 65  
     Per. 14  
     " Ptych. 24  
     " Seri. 73  
 obscurana, Halo. 48  
     Phal. 23  
     " Pseud. 48, 50  
 obtusana, Anch. 35  
     " Lith. 35  
     " Tort. 35  
 ocellana, Spilo. 32  
     Tort. 30, 32  
 occultana, Pœcil. 43  
 ochracea, Glyp. 21  
     Teras. 21  
 ochraceana, Capua, 68  
     " Teras. 21  
 ochreana, Lozot. 9, 88  
     Tort. 20, 87, 88  
 ochroleucana, Antic. 27  
     Tort. 27  
 ochromelana, Penth. 28  
 octomaculana, Cnep. 66  
 OENECTRA, 9  
 Oenophthira, 9  
 Olinda, 48  
 Oliudia, 48  
 OPADIA, 54  
 ophthalmicana, Pœcil. 43  
     Tort. 43  
 oporana, Lozot. 6  
     " Phal. 6  
     " Tort. 6  
 Oporinia, 67, 69  
 oppressana, Pœdis. 43  
     Pœcil. 43  
     " Tort. 43  
 ornatana, Tort. 49  
     Orth. 70  
 ORTHOTENIA, 52, 71, 72,  
     95  
 Osbeckiana, Tort. 18  
 OXIGRAPHA, 11, 89  
 Oxyacanthana, Tort. 7

P.  
Padana, Grap. 43  
" Tort. 5  
Pædisca, 25, 40, 42, 55  
Pallasana, Tort. 52  
pallcana, Tort. 3, 3  
palustrana, Mixo. 76  
" Seric. 76  
Pammene, 55, 60  
PAMPLUSIA, 52  
Pandemis, 4, 87  
Panoplia, 24, 41  
Paragrapha, 42  
PARAMEZIA, 19  
Pardia, 29  
Parisiana, Lept. 12  
Parmatana, Pædis. 44  
" Tort. 44, 44  
parvulana, Tort. 56  
pascuana, Synd. 64  
" Tort. 64  
pasivana, Cnep. 64  
" Tort. 64  
Pasquayna, Tort. 5  
" Pyr. 5  
passivana, Cnep. 64  
pauperana, Aphelia, 40  
" Bactra, 40  
" Spil. 32  
" Tort. 32, 40  
Pavonana, Phal. 33  
" Stag. 33  
Paykulliana, Antic. 31, 32  
" Lith. 33  
" Phil. 77  
" Pyr. 33  
" Tort. 32  
pectinana, Tort. 9  
pellicana, Coccyx, 51  
Pendina, 29  
Penkleriana, Lith. 35  
" Phox. 37  
" Tort. 35  
PENTISINA, 10, 26, 29, 30  
Penthinana, Ser. 95  
Penziana, Cnep. 66  
" Phal. 66  
" Tort. 66  
peregrinana, Para. 90  
perlepidana, Carp. 57  
" Ephl. 57  
" Tort. 57  
permixtana, Argy. 77  
" Eupc. 77  
" Tort. 77  
permutana, Glyp. 18  
" Pero. 18  
PERONEA, 12, 21, 22, 89  
perplexana, Cnep. 65, 101

perterana, Cnep. 64  
" Sciap. 64  
perfuscana, Cnep. 66  
" Tort. 66  
Petivorella, Dich. 58  
" Phal. 58  
" Pseud. 58  
" Tinea, 61  
petrana, Tort. 33  
Pflugiana, Spil. 46  
" Tort. 46  
Phalonia, 77  
Phanetra, 38  
Phiaris, 34, 73  
Philalcea, 37  
Philedone, 8, 9, 94  
PHLEODES, 36  
Phloiophila, 11  
Phoxopteris, 32, 37  
Phoxopteryx, 37  
Phleochroa, 67  
PHTHOCHROA, 67  
picana, Pent. 26  
" Tort. 26  
piceana, Lozot. 6  
" Orth. 51  
" Phal. 6  
" Pœcil. 45  
" Tort. 6, 7, 45, 41  
pillerana, Pyr. 10  
" Tort. 3  
pillierana, CEnc. 10  
" Tort. 10  
Pinetana, Orth. 73, 76  
" Tort. 73, 75  
Piniocolana, Grap. 43  
" Retin. 53  
Pinivorana, Coccyx, 53  
" Retin. 53  
Pisana, Eudop. 55  
plagana, Aphelia, 40  
" Bactra, 40  
" Tort. 40  
plumbagana, Dich. 59  
" Grap. 59  
plumbana, Dich. 23  
" Tort. 23  
plumbeana, Pyr. 19  
plumbosana, Per. 19  
" Tort. 19  
pœcilana, Ehiph. 47  
" Tort. 27  
PŒCILOCHROMA, 42, 91  
politana, Argyro. 67  
" Dich. 58  
" Serl. 67  
" Tort. 58, 67  
Pomoneilla, Carp. 54  
" Phal. 54  
Populana, Halo. 47  
" Pseud. 47

Populana, Pyr. 47  
porphyra, Ditula, 42  
" Pædis. 42  
" Tort. 42  
porphyriana, Tort. 42  
prælongana, Antic. 27  
" Penth. 27  
prasinana, Chlo. 2  
" Hylo. 2, 2  
" Phal. 2, 2  
pratana, Ablabia, 69  
" Tort. 69  
prodromana, Amph. 9  
" Tort. 9  
profanana, Per. 13  
" Pyr. 13  
profundana, Pædis. 42  
" Per. 77  
" Pœcil. 42  
" Tort. 42, 46  
Proteana, Teras, 20  
proximana, Endop. 55  
" Pseud. 55  
" Tort. 55  
Pruniana, Antic. 27  
" Tort. 27  
PTYCHOLOMA, 24  
pulchellana, Seric. 67  
" Tort. 67  
pullana, Antic. 27, 28  
" Tort. 28  
" Tort. 10  
puncticostana, Ehiph. 55  
" Pseud. 55  
pupillana, Carp. 63  
" Grap. 63  
" Phal. 63  
" Sema. 63  
" Tort. 62  
purpurana, Euch. 71  
" Tort. 71  
pustulana, Eupc. 96  
" Tort. 96  
" Zeir. 96  
Pyrastana, Tort. 6  
Pyrodes, 60

Q.

quadrana, Eriop. 68  
" Spil. 46  
" Tort. 68  
quadrinaculana, Orth. 71  
" Tort. 71  
quadripunctana, Abl. 69  
" Tort. 69  
Quecketana, Cnep. 68  
Quercana, Hylo. 2  
" Tort. 2  
Questionis, Grap. 59

## R.

- radiana, Glyp. 16  
     " Per. 15  
     " Tort. 15  
 ramella, Ancy. 37  
     " Phal. 37  
 ramosana, Tort. 10  
 ramosiaria, Per. 15  
 ramulana, Sarr. 10  
 ratana, Pædia. 44  
     " Tort. 44  
 Ratzeburghiana, Pædia. 76  
 rectifasciana, Cnep. 66  
     " Tort. 66  
 redimitana, Sapp. 56  
 regiana, Ephip. 56  
     " Grap. 7 56  
 reliquana, Asth. 77  
     " Lobesia, 77  
 remayrana, Pædia. 48  
 Resinella, Cnep. 53  
     " Coccyx, 92  
     " Orth. 53  
     " Phal. 92  
     " Retin. 92  
 reticulana, Per. 17  
     " Tort. 4, 17  
 RETINIA, 52, 92  
 retusana, Anch. 35  
     " Tort. 35  
 revayana, Sarr. 10  
     " Tort. 10  
 rewayana, Sarr. 10  
 Rhacodia, 21  
 Rheediana, Tort. 61  
 Rheediella, Heme. 60  
     " Phal. 60  
     " Sema. 61  
 rhombana, Dict. 22  
     " Tort. 3, 22  
 rhombifasciana, Steg. 33  
     " Tort. 33  
 Rhyacionia, 25, 52, 92  
 Ribeana, Lozot. 5  
     " Tort. 5  
 rivagana, Pyr. 10  
 rivellana, Pyr. 72  
 rivulana, Tort. 73  
 Roborana, Lozot. 7  
     " Spilo. 30  
     " Tort. 7, 30  
 Romanana, Pyr. 11  
 rosaceana, Coccyx, 71  
 Rosocolana, Spilo. 30  
 Rosana, Lozot. 6, 7  
     " Phal. 7  
     " Tort. 6, 7  
 roseana, Coch. 82  
     " Eupæ. 82  
     " Tort. 82  
 Rossiana, Pyr. 13  
 rotundana, Ditula, 41  
     " Tort. 41  
 ROXANA, 78  
 rubellana, Coch. 83  
     " Tort. 82, 83  
 Rubiana, Phal. 72  
     " Tort. 33  
 rubigana, Tort. 79  
 rubrana, Tort. 5  
 rubroseana, Coch. 83  
 rufana, Carp. 63  
     " Per. 16, 17, 18  
     " Phal. 19  
     " Sema. 63  
     " Tort. 16, 18, 20  
 ruficiliaria, Eupæ. 83  
     " Tort. 83  
 ruficiliella, Coch. 83  
 ruficostana, Per. 13  
 rufilana, Grap. 49  
     " Sem. 49  
 rugosana, Phthe. 67  
     " Tort. 67  
 Rupicola, Coch. 82  
     " Eupæ. 82  
 rusticana, Clep. 69  
     " Halo. 91  
     " Pyr. 91  
     " Spil. 46  
     " Tort. 46, 69, 71  
 rutilana, Dapsilia, 78  
     " Tort. 78

## S.

- Salicella, Antit. 29  
     " Penth. 29  
     " Phal. 29  
 sanguinella, Tinea, 78  
 SARROTHRIPA, 10  
 Sarrothripus, 10  
 saturnana, Dich. 69  
 sauciana, Antit. 28  
     " Penth. 28  
     " Tort. 28  
 scabrana, Acleria, 12  
     " Lepto. 12  
     " Oxig. 12  
     " Pyr. 12  
     " Tort. 14, 15  
 Schalleriana, Per. 17  
     " Phal. 17  
     " Tort. 17  
 Schrankiana, Tort. 57  
 Schreberiana, Lozot. 90  
     " Pæcil. 91  
     " Phal. 91  
     " Tort. 91  
 Schrebersiana, Argy. 78  
     " Tort. 78  
 Schulziana, Mixo. 75  
     " Pyr. 75  
 Schumacherana, Pyr. 48  
 Sciaphila, 64  
 Scopoliaria, Carp. 62  
     " Grap. 62  
     " Sem. 62  
     " Tort. 47, 62  
 Scotana, Lept. 12  
     " Oxig. 12, 97  
 scriptana, Ditula, 26  
     " Tort. 26  
 scutulana, Halo. 46  
     " Pædia. 91  
     " Tort. 46  
 Selania, 57  
 sellana, Antit. 28  
     " Penth. 28  
     " Tort. 28  
 SEMASTIA, 48, 49, 61  
 semialbana, Lozot. 8  
     " Tort. 8  
 semifasciana, Brach. 25  
     " Ditula, 25  
     " Tort. 25  
 semifuscana, Pæcil. 45  
     " Tort. 45  
 semilunana, Tort. 44  
 semimaculana, Pædia. 44  
     " Tort. 44  
 semirhombana, Per. 19  
 semistriana, Pero. 97  
 semiustana, Per. 14  
 senectana, Dich. 59  
 sequana, Dich. 58  
     " Per. 14  
     " Pseud. 58  
     " Tort. 58  
 sericana, Tort. 13  
 SERICORIS, 52, 71, 72, 95  
 Servillana, Cerata. 77  
     " Penth. 77  
 sesquilunana, Tort. 33  
 Shepherdana, Para. 19, 98  
 siciliana, Anch. 39  
     " Tort. 39  
 SIDERIA, 72  
 signatana, Pæcil. 43  
     " Seric. 43  
 Silaceana, Tort. 33  
 similana, Aspis, 72  
     " Halo. 91  
     " Per. 16  
     " Tort. 45, 91  
 simplana, Cerata, 77  
     " Coch. 77  
 simpliciana, Dich. 59  
     " Pseud. 58, 59  
     " Tort. 59  
 sineana, Tort. 4  
 sinuana, Cnep. 64, 65  
     " Tort. 44

- Smeathmanniana*, Lozop. 84  
 " Pyr. 84  
 " Tort. 79  
*sociana*, Antia. 31  
 " Tort. 31, 31  
*Sodalliana*, Eupc. 81  
 " Tort. 81  
*Solandriana*, Phal. 44  
 " Pocil. 44  
*Sorbiana*, Lozot. 4  
 " Tort. 4  
*sordidana*, Pocil. 45  
 " Tort. 45  
*Sorotruculana*, Antit. 27  
 " Penth. 27  
*spadiceana*, Per. 14  
 " Tort. 14  
*Sparganothis*, 9, 30  
*Sparmanniana*, Pocil. 44  
 " Tort. 44  
*sparsana*, Teras. 15  
 " Tort. 15  
**SPHALEROPTERA**, 63  
**SPILONOTA**, 29, 30, 90  
*spiniana*, Grap. 49  
 " Sema. 49  
*Spixiana*, Tort. 94  
*splendana*, Carp. 53  
 " Tort. 53  
*splendidulana*, Coccyx, 50  
*sponsana*, Pyr. 15  
 " Tort. 15  
*squalidana*, Pædis. 48  
*squamana*, Lept. 11  
 " Phal. 11  
 " Pyr. 11  
*squamulana*, Tort. 11  
*stabliana*, Pocil. 45, 100  
*Stannana*, Grap. 35  
*Steganoptycha*, 36  
*Steineriana*, Para. 90  
 " Tort. 90  
*stelliferana*, Carp. 58  
*Stephensianna*, Sciap. 65  
 " Tort. 84  
*stictana*, Steg. 33  
 " Tort. 33  
*Stictes*, 70  
*Stictis*, 70  
*sticticiana*, Pyr. 46  
 " Spil. 46  
 " Tort. 45, 46  
*Stigmonota*, 55  
*Stonanus*, Sarr. 10  
*straminea*, Lozop. 84  
 " Tort. 84  
*striana*, Orth. 71  
 " Per. 14  
 " Seri. 71  
 " Tort. 14, 71  
*strigana*, Carp. 62  
 " Per. 15  
 " Pseud. 59  
 " Pyral. 61  
 " Tort. 59  
*Strobila*, 50  
*Stroblana*, Ehip. 59  
 " Tort. 50, 50  
*Strobilella*, Coccyx, 50  
 " Phal. 50  
 " Pseud. 50, 56  
*Strömiana*, Pyr. 91  
 " Spil. 45  
 " Tort. 45  
*suaavana*, Tort. 12  
*subarcuana*, Anch. 39  
*subaurantiana*, Argy. 24  
*subcapuzina*, Per. 13  
*subcristalana*, Per. 14  
*subcristana*, Per. 15  
*subfasciana*, Loph. 25  
*subjectana*, Onep. 65  
*subocellana*, Antic. 34  
 " Lozot. 87  
 " Phal. 34  
*subrossana*, Coch. 62, 63  
 " Eupc. 63  
 " Tort. 63  
*subsequana*, Paup. 52  
 " Peri. 52  
 " Tort. 51, 52  
*substriana*, Per. 14  
*subtripunctulana*, Acleris, 20  
 " Par. 20  
*subuncana*, Anch. 37  
 " Tort. 37  
*subvittana*, Per. 13  
*succedana*, Grap. 61  
*sudana*, Coch. 64  
*suffusana*, Penth. 30  
 " Tort. 30  
*Sutneriana*, Tort. 3  
*sylvana*, Dicala, 42  
 " Pædis. 44  
 " Pyr. 2  
 " Tort. 42  
*sylvestrana*, Orth. 53  
 " Retin. 53  
**SYNDEMIS**, 64, 67, 93, 94  
*Syriceoris*, 76  
  
**T.**  
  
*Tenebrosana*, Grap. 55  
 " Seri. 51  
*tenerana*, Mixo. 76  
 " Pædia. 76  
**TERAS**, 12, 19, 20, 21  
*Teratodes*, 68  
  
*terreana*, Scia. 68  
*teselana*, Tort. 77  
*tesserana*, Argy. 77  
 " Chroas. 77  
 " Tort. 77  
*tetragonana*, Halo. 47  
 " Spilo. 47  
*tetraquetrana*, Phls. 66, 99  
 " Steg. 36  
 " Tort. 86  
*textana*, Tort. 5  
*Therates*, 41  
**THIODIA**, 63  
*Thirates*, 41  
*tibialana*, Tort. 47  
*Tischerana*, Grap. 84  
*Tolana*, Pseud. 56  
*Tortricella*, Opor. 70  
 " Tinea, 70  
**TORTRICODES**, 69  
**TORTRIX**, 2, 4  
*transitana*, Lozot. 4  
 " Tort. 4  
*trapezana*, Pocil. 44  
 " Pyr. 44  
 " Tort. 44  
*Trasiana*, Ehip. 55  
 " Pseud. 56  
 " Tort. 55, 56  
*triara*, Acleris, 20  
*tricolorana*, Lept. 12  
 " Tort. 12  
*trifasciana*, Lozot. 67, 88  
 " Pyr. 88  
 " Tort. 67  
*Trifoliaria*, Seri. 71  
*trigeminana*, Halo. 47  
 " Spil. 47  
*trigonana*, Euxan. 85  
 " Per. 19  
 " Pseud. 49  
*trileucana*, Croesia, 90  
 " Tort. 90  
*trimaculana*, Lith. 35  
 " Phal. 35  
 " Spilo. 30  
 " Tort. 30  
*tripunctana*, Acleris, 20  
 " Antith. 27  
 " Param. 20  
 " Pardia, 30  
 " Tort. 20, 27,  
 30  
*tripunctata*, Antic. 27  
*tripunctulana*, Acleris, 20  
 " Para. 20  
 " Tort. 20  
*triquetrana*, Steg. 36  
 " Tort. 33, 36  
*tristana*, Per. 17, 19  
 " Tort. 17, 19

Trycheris, 60  
 turbidana, Apot. 26  
 " Ehip. 46  
 " Halo. 46  
 " Pædis. 46  
 " Tort. 46  
 Turionana, Coccyx; 70  
 " Tort. 52, 53  
 Turionella, Phal. 53, 53  
 " Retin. 53

## U.

Udana, Coch. 82  
 " Euph. 82  
 Udmaniana, Motoc. 72  
 " Phal. 72  
 Ulicana, Dich. 60  
 Ulicotana, Grap. 61  
 " Tort. 61  
 uliginosana, Bactra, 22  
 " Dict. 22  
 Ulmana, Anis. 48  
 " Glyph. 12  
 " Tort. 48  
 Ulmariana, Grap. 35  
 umbrana, " 16  
 " Tort. 16  
 uncana, Anch. 39  
 " Tort. 39  
 unculana, Anch. 39  
 " Tort. 39  
 undulana, Seri. 72  
 " Tort. 11  
 undulanus, Seri. 11  
 unguicana, Tort. 49  
 unguicella, Anch. 39  
 " Phal. 39  
 unicolorana, Per. 13  
 " Tort. 3  
 unifasciana, Lozot. 6  
 " Tort. 6

unipunctana, Steg. 35  
 " Tort. 35  
 unitana, Tort. 3  
 Upupana, Antic. 37  
 " Phox. 37  
 Urticana, Seri. 73  
 " Tort. 73  
 ustomaculana, Anchy. 51  
 " Coccyx, 51  
 ustulana, Antit. 29  
 " Grap. 37  
 " Spilo. 29  
 " Tort. 29, 37

## V.

Vacciniana, Coccyx, 51  
 V-albana, Phal. 67  
 Vappana, Grap. 93  
 " Tort. 93  
 variana, Pyralis, 7  
 variegana, Anth. 81  
 " Penth. 27  
 " Per. 18, 18  
 " Tort. 18, 18, 27  
 Vectisana, Coch. 82  
 " Euph. 82  
 Venustana, Orth. 75  
 " Tort. 74  
 Vibrantia, Tort. 3, 3, 7  
 viduana, Tort. 8  
 Viminana, Hyper. 41  
 vinculana, Tort. 8  
 Virgaureana, Cnep. 65  
 " Scia. 65  
 Virginana, Argy. 80  
 viridana, Phal. 3  
 " Tort. 3, 3  
 Vitana, Pyralis, 10  
 Vitis, Pyr. 10  
 vittana, Per. 14  
 " Tort. 44

vulgana, Tort. 68  
 Vulpisana, Tort. 6

## W.

Walkerana, Amphisa, 9  
 Wahlbomiana, Cnep. 94  
 " Phal. 94  
 " Tort. 94  
 Weaverana, Penth. 28  
 Weirana, Ehip. 56  
 " Grap. 56  
 Wellensiana, Ditula, 42  
 " Tort. 42  
 Westwoodiana, Cato. 63  
 Wimmerana, Grap. 62  
 Wöberana, Sema. 49  
 " Tort. 49

## X.

XANTHOSSETIA, 85  
 xanthovittana, Per. 13  
 Xylostean, Lozot. 7  
 " Phal. 7, 22  
 " Tort. 6, 7, 53

## Z.

Zachana, Grap. 60  
 " Tort. 93  
 Zebrana, Argy. 83  
 Zeiraphera, 43; 48  
 Zinckenana, Seri. 75  
 Zogana, Phal. 85, 85  
 " Pyr. 85  
 " Xanth. 85

## ERRATA.

Page. Line.

70. 11. For EUCHROMIA, read ARGYROPOLOE.  
 " 17. " EUCH. ARBUTELLA, read ARGYROPOLOE ARBUTELLA.  
 " 23. " EUCH. FULVIPUNCTANA, read ARGYROPOLOE FULVI-  
 PUNCTANA.  
 71. 2. " EUCH. PURPURANA, read ARGYROPOLOE PURPURANA.

## INTRODUCTION.

---

THE principal object of the present Catalogue has been to give a complete list of all the CRAMBIDÆ that have been recorded as found in Great Britain, indicating at the same time those species that are contained in the Collection.

This part of the Catalogue has been prepared by the late JAMES FRANÇOIS STEPHENS, Esq., so well known for his works on British Insects, for the extent of his cabinet, and the liberality with which he allowed it to be consulted, and who died unexpectedly while the first sheet was in the press.

Mr. Stephens has endeavoured to arrange these insects according to their natural affinities, so far as is practicable with a local collection; and has taken great pains to ascertain every name which has been applied to the respective species and their varieties, the author of the same, and the date of publication; the references to such names as are unaccompanied by descriptions being included in parentheses: all are arranged chronologically, excepting those to the illustrations and to the figures, which invariably follow their authorities.



The species in the British Museum Collection are indicated by the letters, B. M., annexed; while those in the Synoptic List, to which doubt is attached as to their indigenous pretensions, are distinguished by an asterisk (\*) prefixed.

JOHN EDWARD GRAY.

*British Museum,*

*December 29, 1852.*

# CATALOGUE

OF

## BRITISH MICRO-LEPIDOPTERA, § II.

---

### Order LEPIDOPTERA.

#### (§ MICRO-LEPIDOPTERA).

Sub-Div. (IV. continued).

#### LEPIDOPTERA VESPERTINA.

Lepidoptera Vespertini, p., *Step. H.* iv. 63, 1834.

#### Family I. (II). CRAMBIDÆ.

Crambina, *Zell. Isis*, 1838, p. 169. *Stain. (Cat. Tin.* 1, 1849).

Crambites, p., *Latr.*

Pyralites, p., *Latr. G. I.* iv. 228, 1809.

Tineida, p., *Leach, E. E.* ix. 135, 1815.

Tineida, p., *Step. (Cat. ii.* 213, 1829). *Id. H.* iv. 292, 1834.

Tinearæ, p., *Zett. Faun. Lap.* 990, 1840.

Pyralides—Tetrachilæ, *Hüb. V.* 363, 1816.

## Sub-Family I. EUDORIDI.

Eudoridi, *Step. MSS.*Crambidæ, p., *Dup. Cat.* 313, 1846.

## 73, (429). EUDOREA.

*Eudorea*, *Curt. B. E.* iv. fo. 170, 1828. *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 214, 1834. *Zell. Isis*, 1839, p. 175.*Dup.* t. 319, 1846. *Stain. (Cat. Tin.* 1, 1849).*Scoparia*, (Gen. Plantm.) *Haw. L. B.* 498, 1812.*Scopea*, *Haw. (L. B.* 590, 1829).*Gesneria*, p., *Hüb. V.* 368, 1816.*Chilo*, p., *Zin. Som. Germ. M.* ii. 109, 1817.*Boræa*, *Zett. (Faun. Lap.* 995, 1840).*Hercyna*, *Treit. (E. S.* vi. 2, 318, 1828). *Id.* vii. 179, 1829.*Pyrausta*, p., *Treit. (E. S.* 317, 1828).*Chilo D.*, *Treit. E. S.* ix. 1, 133, 1832.

## 1. EUDOREA CEMBRÆ. The Large Gray.

B. M.

*Scopea* (*Scoparia*) *Cembræ*, *Haw. Lep. Brit.* 498, 1812.*Eudorea Cembræ*, *Curt. B. E.* iv. fo. 170, 1828.*Eudorea Cembræ*? *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, t. 46, fo. 1440, 1838.*Eudorea Græcella*, *Guen. in litt. teste Stain. (Cat. Tin.* 2, 1849). *Id. (Supp.* 16, 1851).Var. a. *Scopea* (*Scoparia*) *subfusca*, *Haw. L. B.* 498, 1842.*Eudorea subfusca*, *Curt. B. E.* iv. f. 170, 1828. *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, t. 46, f. 1441, 1838. *West. & H. M.* ii. 226, t. 114, f. 32, 1845.

## 2. EUDOREA AMBIGUALIS. The Hoary Gray.

B. M.

*Scopea* (*Scoparia*) *dubita*, *Haw. L. B.* 499, 1812.*Eudorea dubita*, *Curt. B. E.* iv. fo. 170, 1828.*Eudorea dubitalis*, *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, 2, 46, f. 1442, 1838. *West. & H. M.* ii. 226. t. 114, f. 34, 1845.*Hercyna ambigualis*, *Treit. (E. S.* iii. 184, 1829).

*Eudorea ambigualis*, *Dup. L. F.* x. t. 229, f. c. 1831. *Zell. (Isis, 1839, p. 175)*. *Id. L. Ent.* i. 289, 1846. *Stain. (Cat. Tin.* 2. 1849). *Id. (Supp.* 16, 1851).

*Chilo ambiguellus*, *Treit. E. S.* ix. 138, 1832. *Id. Supp.* x. 3, 272, 1835.

*Tinea ambigualis*, *H.-Schæff. Ti.* t. 16, f. 108, 109, 18 .

### 3. EUDOREA PYRALELLA. The Yellow-stigmaed Gray. B. M.

*Tinea Pyralella*, *Hüb. Ti.* t. 24, f. 167, 1800? *Haw. (Pr.* 36, 1802).

*Scopæa (Scoparia) Pyrale*, *Haw. L. B.* 499, 1812.

*Eudorea Pyralea*, *Curt. B. E.* iv. fo. 170, 1828.

*Eudorea Pyralella*, *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, t. 46, f. 1443, 1838. *West. & H. M.* ii. 226, t. 114, f. 35, 184 . *Stain. (Cat. Tin.* 2. 1849). *Id. (Supp.* 16, 1851).

*Crambus Mercurii*, *Fab. E. S. Supp.* 474, 1796. *Walch. F. P.* ii. 313, 1802.

*Eudorea dubitalis*, *Zell. L. Ent.* i. 285, 1846.

Var. *a.* *Pyrallis dubitalis*, *Hüb. Py.* t. 8, f. 49, 1800?

*Chilo dubitellus*, *Zin. Som. Germ. M.* ii. 111, 1817. *Treit. E. S.* ix. 1, 136, 1832. *Id. Sup.* x. 3, 170, 1835. *Zett. (Ins. Lap.* 996, 1840).

*Gesneria dubitalis*, *Hüb. (V.* 368, 1816).

*Pyrausta dubitalis*, *Treit. (E. S.* vi. 2, 318, 1828).

*Hercyna dubitalis*, *Treit. E. S.* vii. 183, 1829.

*Tinea dubitalis*, *H.-Schæff. Ti.* t. 15, f. 107, 18 .

*Eudorea tristrigella*, *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 300, 1834. *Wood, I. E.* 208, t. 46, f. 1444, 1838. *West. & H. M.* ii. 226, t. 114, f. 36, 1845.

### 4. EUDOREA TRUNCICOLELLA. The Rustic Gray. B. M.

*Eudorea truncicolella*, *Stain. Cat. Tin.* 2, 1849.

*Phalæna (Tinea) Mercurella*, *Lin. P. S. N.* i. 538, 1758.

*Chilo Mercurellus*, *Zin. Som. Germ. Mag.* ii. 109, 1817. *Treit. E. S.* ix. i. 133, 1832. *Id. Supp.* x. 3, 272, 1835.

*Eudorea Mercurella*, *Zell. L. E.* i. 293, 1846.

*Eudorea ambigualis*, *Dup. L. F.* x. t. 229, f. 5. b. 1831.

## 5. EUDOREA CRATÆGELLA. The Whitethorn Gray. B. M. ?

*Tinea Cratægella*, *Hüb. Ti.* t. 34, f. 231, 1800?

*Gesneria Centurionalis*, *Hüb. (V.)* 368, 1816).

*Eudorea Cratægalis*, *Dup. L. F.* x. t. 229, f. 7, 1831.

*Tinea Mercurella*, *Treit. H.* 395, 1834.

*Eudorea Cratægella*, *Zell. L. Ent.* i. 296, 1846. *Stain. Cat. Tin.* 2, 1849. *Id. (Supp.)* 16, 1851).

*Eudorea Mercurella*, *Dup. (Cat.)* 319, 1846).

*Eudorea* ? *albatella*, *Fisch.-v.-R.*

*Eudorea pusilla*, *West. ? & H. M.* ii. 227, t. 115, f. 2, 1845.

## 6. EUDOREA PORTLANDICA.\* The Portland Gray. B. M.

*Eudorea Portlandica*, *Dale, in litt. teste Stain. (Cat. Tin.)* 3, 1849). *Curt. (Ann. & Mag. N. H.)* 2 Ser. v. 115, 1851).

## 7. EUDOREA FREQUENTELLA. The Small Gray. B. M.

*Eudorea frequentella*, *Stain. (Cat. Tin.)* 3, 1849).

*Phalæna (Tinea) Mercurella*, *Lin. ? S. N.* i. 538, 1758.

*Scopea (Scoparia) Mercurea*, *Haw. L. B.* 499, 1812.

*Eudorea Mercurea*, *Curt. B. E.* iv. fo. 170, 1828.

*Eudorea Mercurella*, *Step. (Cat.)* ii. 214, 1829). *Id. H.* iv. 302, 1834. *Wood, I. E.* 209, t. 46, f. 1449, 1838. *West. & H. M.* ii. 227, t. 115, f. 37? 1845.

Var. ? *a.* *Eudorea concinnella*, *Curt. Ann. & Mag. Nat. Hist.* 2 Ser. v. 115, 1851. *Stain. (Cat. Tin. Supp.)* 1, 1851).

## 8. EUDOREA RESINEA. The Resin Gray. B. M.

*Scopea (Scoparia) resinea*, *Haw. ? L. B.* 499, 1812.

*Eudorea resinea*, *Curt. (B. E.)* iv. fo. 170, 1828). *Step. (Cat.)* ii. 214, 1829). *Id. H.* iv. 301, 1834. *Wood, I. E.* 209, t. 46, f. 1448, 1838. *West. & H. M.* ii. 227, t. 114, f. 41, 1845. *Curt. (Ann. & Mag. Nat. Hist.)* 2 Ser. v. 116, 1851).

*Eudorea delunella*, *Guen. in litt. teste Stain. (Cat. Tin.)* 3, 1849).

*Tinea lætella*, *H.-Schæff. ? Ti.* t. 16, f. 115, 18 .

## 9. EUDOREA MURANA. The Wall Gray. B. M.

*Eudorea murana*, *Curt. B. E.* iv. fo. 170, 1828. *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 301, 1834. *Wood, I. E.* 209, t. 46, f. 1447, 1838. *West. & H. M.* ii. 227, t. 114, f. 40, 1845. *Stain. (Cat. Tin.* 3, 1849). *Id. (Supp.* 16, 1851).

## 10. EUDOREA LINEOLA. The Striped Gray. B. M.

*Eudorea lineola*, *Curt. B. E.* iv. fo. 170, 1828. *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 300, 1834. *Wood & I. E.* 208, t. 46, f. 1446, 1838. *West. & H. M.* ii. 227, t. 114, f. 39, 1845. *Stain. & Cat. Tin.* 3, 1849. *Curt. Ann. & Mag. Nat. Hist.* 2 Ser. v. 115, 1851.

## 11. EUDOREA ANGUSTEA. The Narrow-winged Gray. B. M.

*Eudorea angustea*, *Curt. & B. E.* iv. fo. 170, 1828. *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 302, 1834. *West. & H. M.* ii. 228, t. 115, f. 1, 1845. *Curt. Ann. & M. Nat. Hist.* 2 Ser. v. 116, 1851.

*Eudorea coarctata*, *Zell. Lin. Ent.* i. 308, 1846. *Id. Isis*, 1847, p. 29 & 76. *Stain. Cat. Tin.* 3, 1849. *H.-Schæff. Ti.* t. 17, f. 121.

## 12. EUDOREA ALPINA. The Alpine Gray. B. M.

*Eudorea alpina*, *Dale MSS. Curt. Ann. & M. Nat. Hist.* 2 Ser. v. 116, 1851.

## 13. EUDOREA PALLIDA. The Marsh Gray. B. M.

*Eudorea pallida*, *Curt. B. E.* iv. fo. 170, 1829. *Step. (Cat.* ii. 214, 1829). *Id. H.* iv. 300, 1834. *Wood, I. E.* 208, t. 46, f. 1445, 1838. *West. & H. M.* ii. 228, t. 114, f. 28, 1845. *Stain. (Cat. Tin.* 3, 1849).

*Epileucia Lotusella*, *Guén. & MSS. &*

Sub-Family II. PHYCIDI.

- Phycidi, p., *Guen.* (*Mi.* 70, 1845).  
 Crambidæ, p., *Dup. Cat.* 313, 1846.  
 Phycis, *Fab. E. S. Supp.* 463, 1798, &c.  
 Phycites, *Curt. B. E.* v. fo. 238, 1827.  
 Phycidæ, *Zell. Isis*, 1848, p.

74, (430). NEPHOPTERYX.

- Nephopteryx, t. *Hüb.* (*V.* 370, 1816). *Zell. Isis*, 179, 1839  
*Stain.* (*Cat. Ti.* 3, 1849).  
 Phycis § † & § † †, *Guen.* (*Mi.* 76, 1845).  
 Rhodophæa, p., *Guen.* (*Mi.* 75, 1845).

A. DIORYCTRIA.

- Dioryctria, *Zell. Isis*, 1846.  
 Phycis, § † †, *Guen.* (*Mi.* 76, 1845).

I. NEPHOPTERYX ABIETELLA. The Pine Knot-horn.

- Phalæna (Tinea) Abietella, *Schiff.* (*W. V.* 138, 1776). *Id.*  
*Illig.* ii. 102, 1801. *Gmel. S. N.* i. 5, 2588, 1788. *Turt.*  
*Gm.* iii. 368, 1806.  
 Tinea Abietella, *Fab. M.* 245, 1777. *Vill. E. L.* iv. 1789.  
*Tab. E. S.* iii. 2, 302, 1794. *Goëtz. E. B.* iii. 134, 178.  
*Charp. Zins.* 133, 1818.  
 Phycis Abietella, *Zin. Som. Germ. Mag.* iii. 160, 1818. *Treit.*  
*(E. S.* viii. 296, 1830). *Id.* ix. 1, 177, 1832. *Dup. L. F.*  
 xii. 237, t. 281, f. 4, a. ♂, f. 4, b. ♀, 1836. *Ratz. Fors. I.*  
 ii. 244, t. 15, f. 2, 1840. *Evers. F. V. U.* 561, 1844. *Guen.*  
*(Mi.* 76, 1845).  
 Tinea decuriella, *Hüb. Ti.* t. 11, f. 74, 1800. *Dup. Ann. E.*  
*S. Fr.* i. 300, t. x. f. 1—8, 1832.  
 Phycita decuriella, *Curt. B. E.* v. fo. 233, 1829.  
 Phycita Abietella, *Step. (Cat.* ii. 216, 1829). *Curt. (G.* 179,  
 1831). *Step. H.* iv. 309, 1834. *Curt. (G. 2 ed.* 207, 1839).  
*Wood, I. E.* 212, t. 47, f. 1472, 1838. *West. & H. M.* ii.  
 232, t. 115, f. 26, 1845.

- Nephopteryx Abietalis*, *Hüb.* (V. 370, 1816). *Zell.* (*Isis*, 1839, p. 179).  
*Nephopteryx Abietella*, *Zell. Isis*, 1841, p. . *Stain.* (*Cat. Tin.* 3, 1849).  
*Dioryctria Abietella*, *Zell. Isis*, 1846, p. 730.  
*De Geer, M.* ii. 360, t. 8. f. 10—14.

## B. NEPHOPTERYX.

- Nephopteryx*, p., *Zell. Isis*, 1846.  
*Phycis*, § †, *Guen.* (*Mi*, 76, 1845).

## 2. NEPHOPTERYX ROBORELLA. The Dotted Knot-horn. B. M.

- Phalæna* (Tinea) *Roborella*, *Schiff.* (*W. V.* 138, 1776). *Id.* *Ill.* ii. 101, 1801.  
*Tinea spissicella*, *Fab. Gen. I. Man.* 294, 1776. *Id. Sp. I.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Id. E. S.* iii. b. 289, 1794. *Hüb. Tl.* t. 11, f. 75, 1800.  
*Phalæna* (Tinea) *spicicella*, *Gmel. S. N.* i. 5, 2583, 1788. *Vill. Ent.* ii. 495, 1789. *Turt. Gm.* iii. 362, 1806.  
*Tinea Roborella*, *Goetz. E. B.* iii. 133, 178. *Schr. F. B.* ii. b. 137, 1802. *Charp. Züns. &c.* 132, 1821.  
*Phycis Roborella*, *Zin. Som. Germ. M.* iii. 147, 1818. *Treit. (E. S.)* viii. 296, 1830). *Id.* ix. 1, 162, 1832. *Dup. L. F.* xii. 132, t. 281, f. 3, 1836. *Guen. (Mi.* 76. 1845).  
*Phycita Roborella*, *Step. (Cat.* ii. 119, 1829). *Id. H.* iv. 309, 1834. *Wood, I. E.* 242, t. 52, f. 1680, 1839. *West. & H. M.* ii. 232, t. 115, f. 27, 1845.  
*Phycis spissicornis*, *Fab. E. S. Supp.* 463, 1798. *Walck. F. P.* ii. 311, 1802. *Haw. L. B.* 492, 1812.  
*Phycita spissicella*, *Curt. B. E.* v. fo. 233, 1829. *Curt. (G.* 179, 1831). *Id.* (2 edit. 207, 1837).  
*Nephopteryx Roboralis*, *Hüb.* (V. 370, 1816).  
*Nephopteryx Roborella*, *Zell. (Isis*, 1839, p. 179). *Id.* 1841, p. . *Stain. Cat. Tin.* 3, 1849.  
Var. a. *Phycis legatea*, *Haw. L. B.* 492, 1812.  
*Phycita legatella*, *Curt. B. E.* v. fo. 233, 1829. *Step. (Cat.* ii. 216, 1829). *Curt. (G.* 179, 1831). *Step. H.* iv. 310, 1834. *Curt. (G.* 2 edit. 207, 1837). *Wood, I. E.* 242, t. 52, f. 1682, 1839. *West. & H. M.* ii. 232, t. 115, f. 28, 1845.  
Var. b. *Phycis cristeata*, *Haw. L. B.* 492, 1812.



*Phycita cristella*, *Curt. B. E.* v. fo. 233, 1829. *Step. Cat.* ii. 216, 1829. *Curt. G.* 179, 1831. *Id.* 2 edit. 207, 1837. *Step. H.* iv. 310, 1834. *Wood, I. E.* 242, t. 52, f. 1681, 1839. *West. & H. M.* ii. 232, 1845.

## 75, (431). EURHODOPE.

*Eurhodope*, *Hüb.* V. 371, 1816.

• *Oncocera*, p., *Step.* (*Cat.* ii. 217, 1829).

*Crambus*, p., *Fab. E. S. Supp.* 490, 1798.

*Crambus*, *Latr. R. A.* 583, 1818.

*Phycis*, p., *Zin. Som. Germ. M.* iii. 128, 1818.

*Ilithyia*, ‡, *Guér. Ic. R. A.* fo. 91, 1834. *Dup. L. F.* xii. 144, 1836.

*Pempelia*, p., *Zell. Isis*, 1839. *Stain.* (*Cat. Tin.* 3, 1848).

*Palparia*, 3 p., *Haw. L. B.* 484, 1812.

*Eudorope*, *Zell. ? Isis*, 1846.

## A. EURHODOPE.

*Eurhodope*, *Hüb. l. c.*

### 1. EURHODOPE CARNELLA. The Rosy Veneer.

B.M.

*Phalæna* (*Tinea*) *carnella*, *Lin. S. Nat.* i. 887, 1766. *Sulz. I.* t. 3, f. 12, 1776. *Gmel. S. Nat.* 1, 5, 2591, 1788. *Vill. E. L.* ii. 462, 1789.

*Tinea carnella*, *Fab. S. E.* 658, 1775. *Fuess.* (*Schw. I.* 42, 1775). *Schiff.* (*W. V.* 138, 1776). *Id. Illig.* ii. 101, 1801. *Fab. Sp. I.* ii. 293, 1781. *Goëtz. E. B.* iii. 88, 178. *Fab. M.* ii. 243, 1787. *Rossi, F. E.* ii. 103, 1790. *Id. Illig.* ii. 331, 1807. *Fab. E. S.* iii. 2, 887, 1794. *Hüb. Ti.* t. 10, f. 65, 1800. *Schr. F. B.* ii. 2, 117, 1802. *Haw. (Pr.* 36, 1802). *Lasp. Ill. M.* iv. 19, 1804. *Charp. Zins.* 132, 1821. *Treit. Heulf.* 396, 1834.

*Crambus carneus*, *Fab. E. S. Supp.* 470, 1798. *Walck. F. P.* ii. 312, 1802. *Sam. (I.* 13, 1818).

*Palparia carnea*, *Haw. L. B.* 484, 1812.

*Eurhodope carnealis*, *Hüb. (V.* 371), 1816.

*Phycis carnella*, *Zin. Som. Germ. M.* iii. 128, 1817. *Treit. E. S.* viii. 297, 1830. *Id. ix.* 1, 158, 1832. *Ever. F. V. H.* 551, 1844.

- Phalæna semirubella*, Scop. *P. E. C.* 245, 1763.  
*Phycita carnea*, Curt. (*B. E.* v. fo. 233, 1829).  
*Oncocera carnella*, Step. (*Cat.* ii. 217, 1829). *Id.* *H.* iv. 314, 1834. *Wood, I. E.* 213, t. 47, f. 1478, 1838. *West. & H. M.* ii. 234, t. 115, f. 36, 1845.  
*Phycita carnella*, Curt. (*G.* 178, 1831). *Id.* (2 edit. 207, 1837).  
*Ilythia carnea*, Guér. *I. R. A. (Ins.)*, t. 91, f. 4, 1834.  
*Ilythia carnella*, Dup. *L. F.* xii. 148, t. 276, f. 32, 1836. *Bert. Lep. Bon.* 192, 1844. *Guen. (Mi.* 83, 1845). *Dup. (Cat.* 320, 1846).  
*Pempelia carnella*, Zell. *Isis*, 1838, p. 179. *Stain. (Cat.* Ti. 3, 1849).  
 Var. *a.* *Phycis carnella*, Treit. *E. S.* ix. 1, 158, 1832.  
*Tinea sanguinella*, Hüb. *Ti.* t. 10, f. 65, 1800. *Haw. (Pr.* 36, 1802).  
*Palparia sanguinarea*, Haw. *L. B.* 484, 1812.  
*Crambus sanguineus*, Sam. (*I.* 13, 1818).  
*Phycita sanguinea*, Curt. (*B. E.* v. fo. 233, 1829).  
*Phalæna (Tinea) carnella*, Don. *B. I.* v. 35, t. 153, f. 5, 1796. *Tur. Gm.* iii. 365, 1806.  
*Oncocera sanguinella*, Step. (*Cat.* ii. 216, 1829). *Id.* *H.* iv. 314, 1834. *Wood, I. E.* 213, t. 47, f. 1479, 1838. *West. & H. M.* ii. 234, t. 115, f. 37, 184 .  
*Phycita sanguinella*, Curt. (*G.* 179, 1831). *Id.* (2 edit. 207, 1837).  
*Ilythia carnella*, var., Dup. *L. F.* xii. t. 276, f. 3, a. 1836. *Guen. (Mi.* 83, 1845).

## 76, (432). PEMPELIA,

- Pempelia*, Hüb. *V.* 369, 1816. *Zell. Isis*, 1838, p. 179. *Stain. (Cat. Tin.* 3, 1849).  
*Nephopteryx*, p., Hüb. *V.* 370, 1816.  
*Pempelia*, p., Guen. (*Mi.* 75, 1845).  
*Rhodophæa*, p., Guen. (*Mi.* 74, 1845).

*a.* *Phycis*, § †††, Guen. (*Mi.* 77, 1845).

## 1. PEMPELIA ORNATELLA. The Speckled Knot-horn. B. M.

- Phalæna (Tinea) ornatella*, Schiff. (*W. V.* 319, 1776). *Id. Illig.* ii. 101, 1801.

- Phycis ornatella*, *Zin. Som. Germ. M.* iii. 154, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 167, 1832. *Dup. L. F.* xii. 189, t. 279, f. 1, 1836. *Guen. (Mi.* 77, 1846).
- Tinea ornatella*, *Goëtz. E. B.* iii. 141, 178. *Charp. Züns.* 132, 1818.
- Phycita ornatella*, *Step. (Cat.* ii. 216, 1829). *Id. H.* iv. 309, 1834. *Wood, I. E.* 212, t. 46, f. 1471, 1838. *West. & H. M.* ii. 231, t. 115, f. 25, 1845.
- Pempelia ornatella*, *Zell. (Isis,* 1839, p., 179). *Stain. Cat. Tin.* 3, 1849.
- Tinea criptella*, *Hüb. Ti.* t. 11, f. 77, 1800.
- Phycis criptea*, *Haw. L. B.* 493, 1812. *Curt. B. E.* v. fo. 233, 1831.
- Pempelia ornatalis*, *Hüb. (V.* 369, 1816).
- Phycita criptella*, *Curt. (G.* 179, 1831). *Id. (2 edit.* 207, 1837).

## 2. PEMPELIA DILUTELLA. The Powdered Knot-hornf.

- Tinea dilutella*, *Hüb. Ti.* t. 10, f. 69, 1800.
- Phycis diluta*, *Haw. L. B.* 495, 1812.
- Nephopteryx dilutalis*, *Hüb. (V.* 370, 1816).
- Phycita dilutella*, *Curt. B. E.* v. fo. 233, 1829. *Step. (Cat.* ii. 215, 1829). *Curt. G.* 179, 1831. *Step. H.* iv. 303, 1834. *Curt. (G. 2 edit.* 207, 1837). *Wood, I. E.* 210, t. 46, f. 1453, 1838. *West. & H. M.* ii. 229, t. 115, f. 6, 1845.
- Phycis dilutella*, *Guen. (Mi.* 77, 1845).
- Pempelia dilutella*, *Stain. (Cat. Tin.* 3, 1849). *Stain. (Zool.* vii. 2628, 1849).
- Pempelia Serpyletorum*, *Zell. Isis,* 1839, p. 179.
- Phycis subornatella*, *Dup. L. F.* xii. 287, t. 264, f. 5, 1836. *Dup. (Cat.* 323, 1846).
- Pempelia subornatella*, *Zell. Isis,* 1846, p.
- ♀ *Phycita obscura*, *Step. H.* iv. 308, 1834. *Wood, I. E.* 212, t. 46, f. 1470, 1838. *West. & H. M.* ii. 231, t. 115, f. 24, 184 .
- Pempelia obscura*, *Stain. (Cat. Tin.* 4, 1849).

b. *Phycis*, §++++, *Guen.* (*Mi.* 78, 1845).

3. *PEMPELIA HOSTILIS*. The Pale-shouldered Knot-horn.

*Phycita hostilis*, *Step. H.* iv. 307, 1834. *Wood, I. E.* 212, t. 46, f. 1467, 1838. *West. & H. M.* ii. 231, t. 115, f. 20, 1845.

*Phycis Adelphella*, *Fisch.-v.-R.* 50, t. 29, f. 2, 1836.

*Pempelia Adelphella*, *Zell. (Isis, 1839, p. 179).* *Id.* 1841, p. . *Guen.* (*Mi.* 78, 1845). *Stain. Cat. Tin.* 4, 1849.

4. *PEMPELIA FUSCA*. The Brown Knot-horn.

*Phycis fusca*, *Haw. L. B.* 493, 1812.

*Phycita fusca*, *Curt. (B. E. v. fo. 233, 1829).* *Step. (Cat. ii. 216, 1829).* *Id. H.* iv. 310, 1834. *Curt. (G. 179, 1831).* *Id. (2 edit. 207, 1837).* *Wood, I. E.* 242, t. 52, f. 1683, 1839. *West. & H. M.* ii. 232, t. 115, f. 39, 1845.

*Phycis Janthinella*, *Dup. L. F.* xii. 235, t. 281, f. 2, 1836.

*Phycis carbonariella*, *Fisch.-v.-R.* 157, t. 60, f. 1, 1839. *Guen.* (*Mi.* 78, 1845). *Dup. (Cat. 323, 1846).*

*Pempelia carbonariella*, *Zell. Isis, 1839, p. 180.* *Stain. Cat. Tin.* 4, 1849.

*Phycis carbonella*, *Evers. F. V. H.* 556, 1844.

5. *PEMPELIA BETULÆ*. The Birch Knot-horn.

B. M.

*Tinea Betulæ*, *Goëtz. E. B.* iii. 178.

*Pempelia (Salebria) Betulæ*, *Zell. (Isis, 1846, p. ).*

*Pempelia Betulæ*, *Stain. (Cat. Tin. 4, 1849).*

*Phycis obtusella*, *Zin. Som. Germ. M.* iii. 164, 1818. *Triet. E. S.* ix. 1, 196, 1832. *Zell. (Isis, 1839, p. 180).*

*Phycita tristrigella*, *Step. H.* iv. 310, 1834. *Wood, I. E.* 212, t. 47, f. 1473, 1838. *West. & H. M.* ii. 232, t. 115, f. 30, 1845.

*Tinea christella*, *Frey. N. B.* ii. 19, t. 108, f. 1, a—c. 1836.

*Phycis holosericeella*, *Fisch.-v.-R.* 149, t. 57, f. 2, 1839. *Guen.* (*Mi.* 78, 1845).

*De Geer, M.* i. 25, t. 28, f. 20—23.

c. *Rhodophæa*, p., *Guen.* (*Mi.* 75, 1845).

6. *PEMPELIA FORMOSA.* The Beautiful Knot-horn. B. M.

*Phycis formosa*, *Haw. L. B.* 494, 1812.

*Phycita formosa*, *Curt. (B. E. v. fo. 233, 1829).* *Step. Cat.* ii. 216, 1829. *Id. H.* iv. 308, 1834. *Wood, I. E.* 212, t. 46, f. 1468, 1830. *West. & H. M.* ii. 231, t. 115, f. 21, 1845. *Curt. G.* 2 edit. 1837. \*

*Phycis perfluella*, *Zin. Som. Germ. M.* iii. 171, 1818.

*Pempelia perfluella*, *Zell. (Isis, 1839, p. 179).* *Id.* 1846, p. *Stain. Cat. Tin.* 4, 1849.

*Rhodophæa perfluella*, *Guen. (Mi. 75, 1845).*

*Tinea dibaphiella*, *Hüb. Ti.* 71, t. 472, 1829?

*Phycis dubiella*, *Dup. L. F.* xii. t. 280, f. 2, 1836?

*Rhodophæa dubiella*, *Guen. (Mi. 74, 1845).*

d. *Pempelia*, p., *Guen. (Mi. 75, 1845).*

7. *PEMPELIA PALUMBELLA.* The Mealy Knot-horn. B.M.

*Phalæna (Tinea) palumbella*, *Schiff. (W. V.* 138, 1776). *Id. Illig.* ii. 101, 1801. *Gmel. S. N.* i. 5, 2587, 1788.

*Tinea Palumbella*, *Fab. M.* ii. 245, 1787. *Id. E. S.* iii. b. 302, 1794. *Vill. E. L.* iv. 539, 1719. *Goëtz. E. B.* iii. 134, 178. *Charp. Züins. &c.* 133, 1821. *Turt. Gm.* iii. 368, 1806.

*Pempelia Palumbalis*, *Hüb. (V.* 369, 1816).

*Phycis Palumbella*, *Zin. Som. Germ. M.* iii. 151, 1818. *Treit. (E. I.* viii. 296, 1830). *Id.* ix. 1, 173, 1832. *Dup. L. F.* xii. 228, t. 281, f. 1, 1836. *Evers. F. V. U.* 564, 1844.

*Phycita Palumbella*, *Step. (Cat.* ii. 216, 1829). *Curt. G.* 179, 1831. *Id.* 2 edit. 207, 1837. *Step. H.* iv. 311, 1834. *Wood, I. E.* 213, t. 47, f. 1474, 1838. *West. & H. M.* ii. 233, t. 115, f. 31, 1845.

*Pempelia Palumbella*, *Zell. (Isis, 1839, p. 180).* *Id.* 1841, p. *Guen. (Mi. 75, 1845).* *Stain. Cat. Tin.* 4, 1849.

*Tinea contubernella*, *Hüb. Ti.* t. 11, f. 72, 1800. *Haw. (Pr.* 36).

*Phycis contubernea*, *Haw. L. B.* 493, 1812.

*Phycita contubernella*, *Curt. B. E. v. fo. 233, 1829.*

- Pempelia* (*Salebria*) *palumbella*, *Zell. Isis*, 1846, p.  
 Var. *a. Homœosoma cinerea*, *West. & H. M.* ii. 233, t. 115, f. 33,  
 1845.

## 77, (433). ACROBASIS.

- Acrobasis*, *Zell. Isis*, 1839, p. 176. *Stain. (Cat. Tin.* 5, 1849).  
*Nephoterix*, p., *Hüb. V.* 370, 1816.  
*Rhodophæa*, p., *Guen. (Mi.* 74, 1845).  
*Pempelia*, p., *Guen. (Mi.* 76, 1845).  
*Zophodia*, p., *Hüb. V.* 370, 1816.  
*Tortrix*, p., *Schiff. (W. V.* 130, 1776).

- Rhodophæa*, p., *Guen. (Mi.* 75, 1845).

## 1. ACROBASIS CONSOCIELLA. The Broad-barred Knot-horn. B.M.

- Tinea consociella*, *Hüb. Ti.* t. 48, f. 328, 1814.  
*Nephoterix consocialis*, *Hüb. (V.* 370, 1816).  
*Phycis consociella*, *Zin. Som. Germ. M.* iii. 138, 1818. *Treit.*  
*(E. S.* viii. 296, 1830). *Id.* ix. 1, 187, 1832. *Dup.?* *L. Fr.*  
 xii. 230, t. 282, fo. 4, 1836.  
*Phycita consociella*, *Curt. B. E.* v. fo. 233, 1829. *Step. Cat.*  
 ii. 215, 1829. *Id. H.* iv. 306, 1834. *Curt. (G.* 179, 1831).  
*Id. (2 edit.* 207, 1837). *Wood, I. E.* 211, t. 46, f. 1464,  
 1838. *West. & H. M.* ii. 230, t. 115, f. 17, 1845.  
*Acrobasis consociella*, *Zell. (Isis*, 1839, p. 177). *Id.* 1848, p.  
*Stain. (Cat. Tin.* 5, 1849).

- Rhodophæa consociella*, *Guen. (Mi.* 75, 1846).

- Phycis tumidana*, *Dup. L. Fr.* xii. t. 280, f. 3, b. 1836.

Var. *a. Phycis fascia*, *Haw. L. B.* 496, 1812.

- Phycita fascia*, *Curt. B. E.* v. fo. 233, 1839. *Step. (Cat.* ii.  
 215, 1829). *Id. H.* iv. 305, 1834. *Curt. (G.* 176, 1831).  
*Id. (2 edit.* 207, 1837). *Wood, I. E.* 211, t. 46, f. 1460,  
 1838. *West. & H. M.* ii. 230, t. 115, f. 13, 1845.

## 2. ACROBASIS TUMIDANA. The Warted Knot-horn. B. M.

- Tortrix tumidana*, *Schiff.?* (*W. V.* 130, 1776). *Id. Illig.* ii.  
 64, 1801. *Goëtz. E. B.* iii. 45, 170. *Charp. Züns.* 80,  
 1821.

- Phycis tumidella*, *Zin. Som. Germ. M.* iii. 136, 1818. *Treit. E. S.* ix. 1. 179, 1832. *Dup. L. F.* xii. 215, t. 283, f. 3, a. 1836.
- Phycita tumidella*, *Step. (Cat.* ii. 215, 1829). *Id. H.* iv. 305, 1834. *Wood, (I. E.* 210, t. 46, f. 1459, 1838). *West. & H. M.* ii. 230, t. 115, f. 12, 1845.
- Zophodia tumidalis*, *Hüb. (V.* 370, 1816).
- Acrobasis tumidella*, *Zell. (Isis,* 1839, p. 177). *Id.* 1848, p. . *Stain. (Cat. Tin.* 5, 1849).
- Rhodophæa tumidella*, *Guen. (Mi.* 74, 1846).
- Tinea verrucella*, *Hüb. Ti.* t. 11, f. 73, 1800. *Haw. (Pr.* 36, 1802).
- Phycis verrucea*, *Haw. L. B.* 494, 1812. *Curt. B. E.* v. fo. 233, 1829.
- Phycita verrucella*, *Curt. (G.* 179, 1831). *Id. (2 edit.* 207, 1837).
- Var. *a. Phycita advenella*, *Step. H.* iv. 306, 1834. *Wood, I. E.* 211, t. 46, f. 1461, 1838. *West. & H. M.* ii. 230, t. 115, f. 14, 1845.

*Nephopteryx*, p., *Guen. (Mi.* 80, 1845).

### 3. ACROBASIS? ANGUSTELLA.\* The Narrow-winged Knot-horn.

- Tinea angustella*, *Hüb. Ti.* t. 10, 68, 1800.
- Nephopterix gracilalis*, *Hüb. (V.* 370, 1816).
- Phycis angustella*, *Zin. Som. Germ. M.* iii. 157, 1818. *Treit. E. S.* ix. 1, 195, 1832.
- Nephopteryx angustella*, *Zell. Isis,* 1839, p. 179. *Guen. (Mi.* 80, 1845). *Bruand, Ann. E. S. Fr. 2 Ser.* v. 289, t. 3, f. iii. 1847.
- Acrobasis angustella*, *Zell. Isis,* 1848, p. . *Stain. (Cat. Tin.* 5, 1849).

### 78, (434). MYELOPHILA.

- Myelophila*, *Treit. E. S. Supp.* x. 3, 174, 1835. *Guen. (Mi.* 83, 1845).
- Myelois*, p., *Hüb. (V.* 371, 1816). *Zell. Isis,* 1839, p. 176. *Stain. (Cat. Tin.* 5, 1849).
- Noctua*, p., *Schiff. (W. V.* 68, 1776).
- Bombyx*, p., *Fab. E. S.* iii, a. 487, 1794.

- Setina, p., *Schr. F. B.* ii. 2, 166, 1802.  
 Palparia, 3, p., *Haw. L. B.* 484, 1812.  
 Lithosia, *Goda. L. F.* v. 29, 1824.  
 Oncocera, A., p., *Step. (Cat. ii. 217, 1829).*  
 Lispe (Gen. Dipt.), *Treit. E. S.* ix. 1, 204, 1832.

## 1. MYELOPHILA CRIBRUM. The Thistle Ermine.

B. M.

- Noctua cribrum, *Schiff. (W. V. 68, 1776).* *Id. Illig.* ii. 178, 1801. *Schr. F. B.* ii. b. 314, 1802. *Lasp. Ill. M.* ii. 80, 1803.  
 Bombyx cribrum, *Fab. E. S.* iii. 487, 1794.  
 Setina cribrum, *Schr. F. B.* ii. B. 166, 1802.  
 Tinea cribrumella, *Hüb. Bei. i. B.* 29, t. 4, f. W. 1786.  
 Myelois cribrum, *Zell. (Isis, 1839, p. 176).* *Id.* 1848, p. *Stain. (Cat. Tin. 5, 1849).*  
 Myelois medullalis, *Hüb. (V. 371. 1816).*  
 Tinea cribrella, *Hüb. Ti. t. 10, f. 67, 1800.* *Haw. (Pr. 35, 1802).* *Treit. Heulf. 397, 1834.* *Reich. Schm. 146, 1852.*  
 Phycis cribrella, *Treit. (E. S. viii. 297, 1830).*  
 Lispe (Gen. Dipt.) cribella, *Treit. E. S.* ix. 1, 205, 1832.  
 Lithosia cribrella, *Goda. L. F.* v. 29, t. 43, f. 5, 1824.  
 Myelophila cribella, *Treit. E. S. Supp. x. 3, 174, 1835.*  
 Myelophila cribrella, *Dup. L. F. xii. 302, t. 285, f. 1, 1836.* *Evers. L. V. U. 563, 1844.* *Guen. (Mi. 83, 1845).* *Dup. (Cat. 326, 1846).*  
 Palparia Cardui, *Haw. L. B.* 484, 1812.  
 Phycita Cardui, *Curt. (B. E. v. fo. 233, 1829).* *Id. (G. 179, 1831).* *Id. (2 edit. 207, 1837).*  
 Oncocera Cardui, *Step. (Cat. ii. 217, 1829).* *Id. H. iv. 313, 1834.* *Wood, I. E. 213, t. 47, f. 1477, 1838.* *West. & H. M. ii. 233, t. 115, f. 35, 1845.*  
 ——— cribriformis, *Esp. teste Guen. (Mi. l. c.)*

## 79, (435). MYELOIS.

- Myelois, p., *Zell. Isis, 1839, p. 176.*  
 Myelois, *Zell. Isis, 1848.* *Stain. (Cat. Tin. , 1849).*  
 Zophodia, p., *Hüb. V. 370, 1816.*  
 Rhodophæa, p., *Guen. (Mi. 74, 1845).*  
 Ephestia, p., *Guen. (Mi. 82, 1845).*



## 1. MYELOIS SUAVELLA. The Porphyry Knot-horn. B. M.

*Phycis suavella*, *Zin. Som. Germ. M.* iii. 140, 1818. *Treit. E. S.* ix. i. 185, 1832. *Dup. L. Fr. Supp.* iv. 124, t. 60, f. 8, 1844?

*Myelois suavella*, *Zell. (Isis, 1839, p. 177). Id.* 1848, p. .  
*Stain. (Cat. Tin. 5, 1849).*

*Phycita Porphyrea*, *Curt. B. E.* v. fo. 233, 1829. *Step. (Cat. ii. 215, 1829). Curt. (G. 179, 1831). Id. (2 edit. 207, 1837). Step. H.* iv. 306, 1834. *Wood, I. E.* 211, t. 46, f. 1463, 1838. *West. & H. M.* ii. 230, t. 115, f. 16, 1845.

*Rhodophæa suavella*, *Guen. (Mi. 74, 1845).*

## 2. MYELOIS MARMOREA. The Marbled Knot-horn. B. M.?

*Phycis marmorea*, *Haw. L. B.* 495, 1812.

*Phycita marmorca*, *Curt. (B. E. v. fo. 233, 1829). Step. (Cat. ii. 215, 1829). Curt. (G. 179, 1831). Id. (2 edit. 207, 1837). Step. H.* iv. 306, 1834. *Wood, I. E.* 211, t. 46, f. 1462, 1838. *West. & H. M.* ii. 230, t. 115, f. 15, 1845.

*Myelois? Epelydella*, *Fisch.-v.-R. P teste Gu. Mi. infra.\* Zell. P Isis, 1846, p. . Stain. (Cat. Tin. 5, 1849).*

*Rhodophæa Epelydella*, *Guen. P (Mi. 74, 1845).*

## 3. MYELOIS ADVENELLA. The Dove-coloured Knot-horn.

*Phycis advenella*, *Zin. Som. Germ. M.* iii. 141, 1818. *Treit. E. S.* ix. 1, 184, 1832.

*Phycita advenella*, *Step. (Cat. ii. 215, 1829).*

*Myelois advenella*, *Zell. (Isis, 1839, p. 177). Id.* 1843, p. .  
*Stain. (Cat. Add. 1, 1851).*

*Rhodophæa advenella*, *Guen. (Mi. 74, 1845).*

*Phycis palumbea*, *Haw. L. B.* 494, 1812.

*Phycita palumbea*, *Curt. (B. E. v. fo. 233, 1829). Id. (G. 179, 1831). Id. (2 edit. 207, 1837).*

*Phycita Rhenella*, *Step. (Cat. ii. 215, 1829). Id. H.* iv. 307, 1834. *Wood, I. E.* 211, t. 46, f. 1465, 1838. *West. & H. M.* ii. 230, t. 115, f. 18, 1845.

*Rhodophæa recurvella*, *Guen. (Mi. 74, 1845).*

*Myelois recurvella*, *Stain. Cat. Tin. 5, 1849.*

## 4. MYELOIS CERATONIELLA. The Blunt-winged Knot-horn.

*Phycis Ceratoniella*, *Fisch.-v.-R. Mi.* 147, t. 56, 57, f. 1, 1839, 1.

*Myelois Ceratonixæ*, *Zell. Isis*, 1839, 3? p. 176. *Id.* 1848, p. *Stain. (Cat. Tin.* 5, 1849).

*Ephestia Ceratoniella*, *Guen. (Mi.* 82, 1845).

*Phycis obtusa*, *Haw. P. L. B.* 495, 1812.

*Phycita obtusa*, *Curt. P. (B. E. v. fo.* 233, 1829). *Step. (Cat. ii.* 216, 1829). *Curt. (G.* 179, 1831). *Id. (2 edit.* 207, 1837). *Step. Ill.* iv. 308, 1834. *Wood, I. E.* 212, t. 46, f. 1469, 1838. *West. & H. M.* ii. 230, t. 115? f. 23, 1845.

## 5. MYELOIS? PINGUIS. The Tabby Knot-horn.

B. M.

*Phycis pinguis*, *Haw. L. B.* 493, 1812.

*Phycita pinguis*, *Curt. B. E. v. t.* 233, 1829. *Step. (Cat. ii.* 216, 1829). *Curt. (G.* 179, 1831). *Id. (2 edit.* 207, 1837). *Step. II.* iv. 307, 1834. *Wood, I. E.* 211, t. 46, f. 1466, 1838. *West. & H. M.* ii. 231, t. 115, f. 19, 1845.

*Myelois pinguis*, *Stain. (Cat. Tin.* 5, 1849).

## 6. MYELOIS? ARTEMESIELLA. The Wornwood Knot-horn.

*Myelois Artemesiella*, *Step. MSS. Stain. Pro. Ent. Soc.* 1850, p. 6. *Id. (Cat. Tin. Supp.* 2, 1851).

## 80, (436). HOMŒOSOMA.

*Homœosoma*, *Curt. Ent. Mag.* i. 190, 1833. *Step. II.* iv. 312, 1834.

*Crambus*, p., *Fab. E. S. Supp.* 474, 1798.

*Phycidea*, p., *Zell. Isis*, 1839, p. 178.

*Lotria*, p., *Guen. (Mi.* 82, 1845).

*Homœosoma*, *Stain. (Cat. Tin.* 4, 1849).

*Epischnia*, p., *Hüb. V.* 371, 1816.

## 1. HOMÆOSOMA SINUELLA. The Twin-barred Knot-horn. B. M.

*Tinea sinuella*, *Fab. E. S.* iii. 2, 309, 1794.

*Crambus sinuatus*, *Fab. E. S. Supp.* 474, 1798.

*Phycidea sinuella*, *Zell. Isis*, 1839, p. .

*Lotria sinuella*, *Guen. (Mi.* 82, 1845).

*Homæosoma sinuella*, *Zell. Isis*, 1839, p. 178). *Id.* 1848, p. . *Stain. (Cat. Tin.* 4, 1849).

*Phycis gemina*, *Haw. L. B.* 497, 1812.

*Phycita gemina*, *Step. (Cat.* ii. 215, 1829).

*Homæosoma gemina*, *Curt. Ent. M.* i. 190, 1833. *Step. H.* iv. 312, 1834). *Curt. (G.* 207, 1837). *Wood, I. E.* 213, t. 47, f. 1475, 1839. *West. & H. M.* ii. 233, t. 115, f. 32, 1845.

*Phycis elongella*, *Treit. ? (E. S.* ix. 1, 202, 1832). *Dup. L. F.* xii. 245, t. 282. f. 3, 1836.

*Phycis flavella*, *Dup. L. F.* xii. 291, t. 284, f. 6, 1836.

## 2. HOMÆOSOMA NEBULELLA. The Clouded Knot-horn. B. M.

*Tinea nebulella*, *Schiff. ? (W. V.* 140, 1776). *Id. Illig.* ii. 108, 1801. *Hüb. Ti.* t. 23, f. 157, 1800. *Schr. F. B.* ii. 2, 123, 1802. *Charp. Züns.* 145, 1818. *Treit. Heulf.* 397, 1834.

*Epischnia muscerdalis*, *Hüb. (V.* 371), 1816.

*Phycis nebulella*, *Zin. Som. Germ. Mag.* iii. 173, 1818. *Treit. E. S.* ix. 1, 169, 1832.

*Phycidea nebulella*, *Zell. (Isis*, 1839, p. 178).

*Lotria nebulella*, *Guen. (Mi.* 83, 1845).

*Homæosoma nebulella*, *Zell. Isis*, 1848, p. . *Stain. (Cat. Tin.* 4, 1849).

## 3. HOMÆOSOMA NIMBELLA. The Small Clouded Knot-horn.

*Phycidea nimbella*, *Zell. (Isis*, 1839, p. 178).

*Phycis nimbella*, *Fisch.-v.-R. teste Dup. L. F.* xii. 349, t. 284, f. 1, 1836.

*Lotria nimbella*, *Guen. (Mi.* 83, 1845).

*Homæosoma nimbella*, *Zell. (Isis*, 1848, p. ). *Stain. (Cat. Tin.* 4, 1849).

Var. a. *Phycis nebulella*, *Dup. L. F.* xii. 197, t. 379, f. 5, 1836.

## 4. HOMÆOSOMA ELUVIELLA. The Ermine Knot-horn. B. M.

*Lotria?* eluviella, *Guen. in litt. teste Stain. infra.*

*Homæosoma eluviella*, *Stain. (Cat. Tin. 4, 1849).*

*Phycis nebulea*, *Haw. L. B. 494, 1812.*

*Phycita nebulea*, *Curt. (B. E. v. fo. 233, 1829).*

*Phycita nebulella*, *Step. (Cat. ii. 214, 1829). Step. H. iv. 303, 1834. Curt. (G. 179, 1831). Id. (2 edit. 207, 1837). Wood, I. E. 209, t. 46, f. 1451, 1838. West. & H. M. ii. 229, t. 115, f. 4, 1845.*

Var. a. *Phycita binævella*, *Step. H. iv. 303, 1834. Wood, I. E. t. 6, f. 1452, 1838. West. & H. M. ii. 229, t. 115, f. 5, 1845.*

## 81, (437). CRYPTOBLABES.

*Cryptoblabes*, *Zell. Isis, 1848. Stain. (Cat. Tin. 5, 1849).*

*Ancylosis*, p., *Zell. Isis, 1839.*

*Phycis*, §++++, p., *Guen. (Mi. 79, 1845).*

B. M.

## 1. CRYPTOBLABES BISTRIGA. The Double-striped Red Knot-horn.

*Phycis bistriga*, *Haw. L. B. 496, 1812.*

*Phycita bistriga*, *Curt. B. E. v. fo. 233, 1829. Step. (Cat. ii. 215, 1829). Id. H. iv. 305, 1834. Curt. (G. 179, 1831).*

*Id. (2 edit. 209, 1837). Wood, I. E. 210, t. 46, f. 1458, 1838. West. & H. M. ii. 229, t. 115, f. 11, 1845.*

*Phycis rutillella*, *Fisch.-v.-R.*

*Ancylosis rutillella*, *Zell. Isis, 1839, p. 178.*

*Cryptoblabes rutillella*, *Zell. Isis, 1848, p. . Stain. (Cat. Tin. 5, 1849).*

## 82, (438). GYMNANCYLA.

*Gymnancyla*, *Zell. Isis, 1848. Stain. (Cat. Tin. Supp. 2, 1851).*

*Gesneria*, p., *Hüb. V. 368, 1816.*

*Ancylosis*, p., *Zell. Isis, 1838.*

*Phycis*, §++++, p., *Guen. (Mi. 79, 1845).*

## 1. GYMNANCYLA CANELLA.\* The Hoary Knot-horn.

*Tinea canella*, Schiff. (*W. V.* 135, 1776). *Id. Illig.* ii. 91, 1801. *Hüb. Ti.* t. 42, f. 289, 1812. *Goëtz. E. B.* iii. 138, 178.

*Phycis canella*, Treit. (*E. S.* viii. 296, 1830). *Id.* ix. 1, 166, 1832. *Evers. F. V. U.* 553, 1844. *Guen. (Mi.* 79, 1845).

*Ancylosis canella*, Zell. (*Isis*, 1839, p. 178).

*Gymnancyla canella*, Zell. *Isis*, 1848, p. 745. *Stain. (Cat. Tin.* 2, 1849).

*Phycis depositella*, Zin. *Som. Germ. M.* iii. 155, 1818.

*Gesneria canellalis*, Hüb. (*V.* 368, 1816).

## 83, (439). EPHESTIA.

*Ephestia*, Zell. *Isis*, 1848. *Stain. (Cat. Tin.* 4, 1849).

*Ephestia* †, *Guen. (Mi.* 81, 1845).

*Nephoterix*, p., Hüb. (*V.* 370, 1818).

*Myelois*, p., Zell. *Isis*, 1838.

## 1. EPHESTIA ELUTELLA. The Cinereous Knot-horn.

B. M.

*Tinea elutella*, Hüb. *Ti.* t. 24, f. 163, 1800. *Haw. (Pr.* 38, 1802).

*Nephoterix ablutalis*, Hüb. (*V.* 370, 1818).

*Phycis elutella*, Zin. *Som. Germ. M.* iii. 175, 1818. *Treit. (E. S.* ix. 194, 1832). *Dup. L. F.* xii. 204, t. 279, f. 8, 1836.

*Myelois elutella*, Zell. (*Isis*, 1839, p. 176).

*Ephestia elutella*, *Guen. (Mi.* 81, 1845). *Zell. Isis*, 1848, p. *Stain. (Cat. Tin.* 4, 1849).

*Phycita elutea*, Curt. (*B. E.* v. fo. 233, 1829).

*Phycita elutella*, Step. (*Cat.* ii. 215, 1829). *Id. H.* iv. 304, 1834. *Curt. (G.* 179, 1831). *Id. (2 edit.* 207, 1837). *Wood, I. E.* 210, t. 46, f. 1454, 1838. *West. & H. M.* ii. 229, t. 115, f. 7, 1845.

*Phycis elutea*, *Haw. L. B.* 496, 1812.

Var. *a.* *Phycis rufa*, *Haw. L. B.* 497, 1812. *Curt. (B. E.* v. fo. 233, 1829).

*Phycita rufa*, *Step.* (*Cat.* ii. 215, 1829). *Id.* *H.* iv. 304, 1834. *Curt.* (*G.* 179, 1831). *Id.* (2 edit. 207, 1837). *Wood*, *I. E.* 210, t. 46, f. 1455, 1838. *West. & H. M.* ii. 229, t. 115, f. 8, 1845.

Var. *b.* *Phycis angusta*, *Haw. L. B.* 497, 1812.

*Phycita angustella*? *Step.* (*Cat.* ii. 215, 1829). *Id.* *H.* iv. 304, 1834. *Curt.*? (*G.* 179, 1831). *Id.* (2 edit. 207, 1837). *Wood*, *I. E.* 210, t. 46, f. 1456, 1838. *West. & H. M.* ii. 229, t. 115, f. 9, 1845.

## 2. *EPHESTIA SEMIRUFA*. The Red-streaked Knot-horn.

*Phycis semirufa*, *Haw. L. B.* 496, 1812. *Curt.* (*B. E.* v. fo. 233, 1829).

*Phycita semirufa*, *Step.* (*Cat.* ii. 215, 1829). *Id.* *H.* iv. 305, 1834. *Curt.* (*G.* 179, 1839). *Id.* (2 edit. 207, 1837). *Wood*, *I. E.* 210, t. 46, f. 1457, 1838. *West. & H. M.* ii. 229, t. 115, f. 10, 1845.

*Ephestia semirufa*, *Stain.* (*Cat. Tin.* 2. 1849).

## 84, (440). *PLODIA*.

*Plodia*, *Guen.* (*Mi.* 80, 1845).

*Myelois*, p., *Zell. Isis*, 1839.

*Ephestia*, p., *Zell. Isis*, 1848. *Stain.* (*Cat. Tin.* 4, 1849).

## \*? 1. *PLODIA INTERPUNCTELLA*. The Cloaked Knot-horn. B. M.

*Tinea interpunctella*, *Hüb. Ti.* t. 45, f. 310, 1814.

*Phycis interpunctella*, *Treit. E. S.* ix. 1, 196, 1832. *Dup. L. F.* xii. 224, t. 280, f. 5, 1836. *Stain. Zool.* vi. 2035, 1848.

*Myelois interpunctella*, *Zell. (Isis)*, 1839, p. 176.

*Plodia interpunctella*, *Guen.* (*Mi.* 83, 1845).

*Ephestia interpunctella*, *Zell. Isis*, 1848, p. . *Stain.* (*Cat. Tin.* 4, 1849).

*Ephestia interruptella*, *Schaum?* *Ber.* 1848, 137, 1850.

## 85, (441). HYPOCHALCIA.

Hypochalcia, *Hüb. V.* 367, 1816. *Zell. (Isis, 1839 p. 178).*  
*Stain. (Cat. Tin. 5, 1848).*

Oncocera B. p., *Step. (Cat. ii. 217, 1829).* *Guen. (Mi. 71, 1845).*

Araxes, p., *Step. H. iv. 315, 1834.*

Crambus, p., *Haw. L. B. 367, 1812.*

Palparia, p., *Haw. L. B. 486, 1812.*

Abraxes, p., *Curt. (G. 2 edit. 207, 1837).*

Chilo, p., *Zin. Som. Germ. Mag. ii. 105, 1817.*

Anerastia, p., *Hüb. V. 467, 1816.*

## 1. HYPOCHALCIA AHENELLA. The Dingy Veneer.

B. M.

Tinea ahenella, *Schiff. (W. V. 135, 1776).* *Id. Illig. ii. 91, 1801.* *Goetz. B. iii. 130, 178.* *Hüb. Ti. t. 9, f. 58, 1800.* *Charp. Züns. 117, 1818.* *Treit. Heulf. 369, 1834.*

Hypochalcia aerealis, *Hüb. (V. 368, 1816).*

Phycis Ahenella, *Zin. Som. Germ. M. iii. 120, 1818.* *Treit. (E. S. viii. 296, 1830).* *Id. ix. 1, 144, 1832.* *Dup. L. F. xii. 168, t. 277, f. 5, 1836.* *Ever. F. V. H. 549, 1844.*

Hypochalcia ahenella, *Zell. (Isis, 1839, p. 178).* *Id. Isis, 1848, p. .* *Stain. (Cat. Tin. 5, 1849).*

Oncocera Ahenella, *Step. (Cat. ii. 217, 1829).* *Wood, I. E. 214, t. 47, f. 1483, 1838.* *Guen. (Mi. 71, 1845).*

Oncocera æneella, *Curt. (G. 178, 1831).*

Araxes ahenella, *Step. H. iv. 315, 1834.* *West. & H. M. ii. 234, t. 115, f. 42, 184 .*

Abraxes æneella, *Curt. (G. 2 edit. 207, 1837).*

Crambus obscuratus, *Haw. L. B. 367, 1812.*

Herninia obscuralis, *Sam. (I. 21, 1818).*

Var. a. Tinea æneella, *Hüb. Ti. t. 6, f. 41, 1800.*

Hypochalcia ænealis, *Hüb. (V. 368, 1816).*

Palparia tetrrix, *Haw. L. B. 486, 1812.*

Crambus tetrrix, *Curt. (B. E. iii. fo. 109, 1827).*

Var. b. Phycis bistrigella, *Dup. L. F. xii. 172, t. 277, f. 8, 1836.*

Var. c. Phycis fuliginella, *Dup. L. F. xii. 165, t. 277, f. 3, 1836.*

## 86, (442). ARAXES.

- Araxes, *Step. H.* iv. 315, 1834. *West. & H. M.* ii. 234, 184 .  
 Anerastia, p., *Hüb.* (V. 467, 1816).  
 Anerastia, *Zell. Isis*, 1838. *Guen. (Mi, 84, 1845). Stain.*  
*(Cat. Tin. 4, 1849).*  
 Phycis, p., *Treit. Zin. Som. Germ. M.* iii. 126, 1818. *Treit.*  
*E. S.* ix. 1, 156, 1832.  
 Oncocera, B., *Step. (Cat. ii. 217, 1829). Curt. (G. 179, 1831).*  
 Abraxes, *Curt. (G. 2 edit. 207, 1837).*  
 Ilythia, p., *Dup. (Cat. 321, 1846).*

## 1. ARAXES LOTELLA. The Coast Knot-horn.

- Tinea Lotella, Hüb. Ti. t. 48, f. 334, 1814. H-Schaff. Ti.*  
*t. 43, f. 90—92.*  
 Anerastia Lotalis, *Hüb. (V. 367, 1816).*  
 Phycis Lotella, *Zin. Som. Germ. M.* iii. 126, 1818. *Treit.*  
*E. S.* ix. 1, 156, 1832. *Dup. L. F. xii. 277, t. 283, f. 6,*  
*1836.*  
 Oncocera Lotella, *Step. (Cat. ii. 217, 1829).*  
 Oncocera Marisci, *Curt. (G. 179, 1831).*  
 Araxes Lotella, *Step. H.* iv. 315, 1834.  
 Anerastia Lotella, *Zell. Isis*, 1839, p. 178. *Id.* 1846, p.  
*Guen. (Mi. 84, 1845). Stain. Cat. Tin. 4, 1849.*  
 Abraxes Lotella, *Curt. (G. 2 edit. 207, 1837).*  
 Araxes miniosella, *Wood, I. E.* 213, t. 47, f. 1482, 1838. *West.*  
*& H. M.* ii. 234, f. 38, 1845.  
 Ilythia Lotella, *Dup. (Cat. 321, 1846).*  
 Var. a. *Tinea pulverella, Hüb. ? Ti. t. 68, f. 454, 1829.*  
*Phycis pulverella, Treit. ? E. S. Supp. x. 3, 171, 1835.*  
 Var. b. *Phycis miniosella, Zin. Som. Germ. M.* iii. 126, 1818.  
*Treit. E. S.* ix. 1, 155, 1832. *Evers. F. V. U.* 551, 1844.  
 Araxes Lotella, *Wood, I. E.* 214, t. 47, f. 1481, 1838. *West.*  
*& H. M.* ii. 234, t. 115, f. 39, 184 .  
 Abraxes Lotella, *Curt. (G. 2 edit. 207, 1837).*

## 2. ARAXES FARRELLA.\* The Silver-edged Knot-horn.

- Anerastia Farrella, Curt. Ann. & Mag. Nat. Hist. 2 Ser. v.*  
*114, 1850. Stain. Cat. Tin. Supp. 1, 1851.*



## Sub-Family III. GALLERIDI.

Galleridi, *Step. MSS.*

Phycidi, p., *Guen. (Mi. 70, 1845).*

Crambidae, p., *Dup. Cat. 313, 1846.*

Galleriæ, *Zell. Isis, 1848, p.*

## 87, (443). ACHROIA.

Achroia, *Hüb. V. 163, 1816. Step. H. iv. 293, 1834.*

Achroea, *Zell. Isis, 1848, p. Stain. (Cat. Tin. 3, 1849).*

Tinea, p., *Fab. E. S. iii. b. 289, 1794.*

Galleria, p., *Fab. E. S. Supp. 463, 1798. Latr. G. S. iv. 231, 1809. Leach, E. E. ix. 135, 1815. Haw. L. B. 392, 1812.*

*Sam. C. 255, 1818. Step. (Cat. ii. 213, 1829).*

Galleria A., *Step. (Cat. ii. 213, 1829).*

Meliphora, *Guen. (Mi. 70, 1845).*

## I. ACHROIA GRISELLA. The Honey Moth.

B. M.

Tinea grisella, *Fab. E. S. iii. b. 289, 1794.*

Achroea grisella, *Zell. (Isis, 1848, p. ) Stain. (Cat. Ti. 3, 1849).*

Galleria alvearia, *Fab. E. S. Supp. 463, 1798. Walck. F. P. ii. 310, 1802. Latr. (G. S. iv. 231, 1809). Leach, (E. E. ix. 135, 1815). Step. (Cat. ii. 213, 1829). Curt. (G. 176, 1831). Dup. L. F. Supp. iv. 127, t. 60, f. 10, 18. H.-Schaff. Ti. t. 21, f. 149, 150, 18.*

Achroia alvearia, *Step. H. iv. 293, 1834. Curt. (G. 2 edit. 205, 1837). West. & H. M. ii. 224, t. 114, f. 24, 1845.*

Galleria cerea, *Haw. L. B. 392, 1812.*

Bombyx cinerea, *Hüb. ? (Bo. t. 23, f. 91, 1799 ?)*

Meliphora alveariella, *Guen. (Mi. 70, 1845).*

## 88, (444). GALLERIA.

Galleria, *Fab. E. S. Supp. 463, 1798. Latr. G. S. iv. 231, 1809. Haw. L. B. 392, 1812. Leach, E. E. ix. 135, 1815. Step. H. iv. 294, 1834. Curt. B. E. xiii. fo. 587, 1837.*

*Dup. L. F. Zell. Isis, 1848, p.*

Galleria B., *Step. (Cat. ii. 213, 1829).*

## 1. GALLERIA MELLONELLA. The Honey-comb Moth. B. M.

*Phalæna* (Tinea) *Mellonella*, *Lin. S. N.* i. 537, 1758.

*Tinea Mellonella*, *Schiff. (W. V.* 134, 1776). *Id. Illig.* ii. 82, 1801. *Lasp. (Ill. M.* iv. 17, 1805). *Charp. Züns.* 124, 1818.

*Galleria Mellonella*, *Treit. (E. S.* viii. 292, 1830). *Curt. B. E.* xiii. t. 587, ♂, ♀, 1836. *Id. G. 2 edit.* 205, 1837. *Zell. Isis*, 1839, p. 180. *Stain. (Cat. Tin.* 3, 1849).

*Galleria cereana*, *Fab. E. S. Supp.* 462, 1798. *Walck. F. P.* ii. 310, 1802. *Latr. G.* iv. 231, 1809. *Step. (Cat.* ii. 213, 1829). *Curt. (G.* 177, 1831).

*Galleria cerea*, *Haw. L. B.* 392, 1812. *Sam. (I.* 17, 1818).

*Galleria cerealis*, *Hüb. (V.* 369, 1816).

*Galleria cerella*, *Zin. Som. Germ. M.* iv. 234, 1821. *Treit. E. S.* ix. 1, 50, 1832. *Dup. L. F.* xii. 255, t. 282, f. 5, a—c. 1836. *Guen. (Mi.* 70, 1845). *Dup. (C.* 325, 1846). *Bert. L. Bon.* 194, 1846.

*Tinea cerella*, *West. in Loud. Köllar*, f. in p. 76, 1840.

*Galleria cereella*, *Evers. F. V. U.* 539, 1844.

♂ *Geometra cereana*, *Lin. Syst. Nat.* i. 2, 874, 1764. *Vill. E.* <sup>1</sup>*L.* ii. 360, 1789.

*Tinea cerella*, *Fab. S. E.* 655, 1775. *Id. S. I.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Rossi, F. E.* ii. 206, 1790. *Id. Illig.* ii. 333, 1807. *Fab. E. S.* iii. 2, 287, 1794. *Hüb. Ti.* t. 4, f. 25, 1800. *Treit. Heulf.* 391, 1834. *Frey. N. B.* 11, t. 157, f. 4, 183. *Reich. Schm.* 144, 1852.

*Phalæna* (Tinea) *cerella*, *Gmel. S. Nat.* i. 5, 2584, 1788. *Turt. Gm.* iii. 361, 1806.

*Galleria cereana*, *Step. H.* iv. 295, 1834. *Wood, I. E.* 204, t. 45, f. 1434, 1838. *West. & H. M.* ii. 225, t. 114, f. 25, 1845.

*Phalæna Mellonella*, *Don. Br. I.* viii. 75, t. 283, 1799.

*Noctua Mellonina*, *Haw. (Pr.* 13, 1802).

♀ *Phalæna* (Tinea) *Mellonella* (mellonella), *Lin. F. S.* ii. 358, 1761. *Id. S. Nat.* i. 2, 888, 1764. *Gmel. S. N.* i. 5, 2593, 1788. *Vill. E. L.* ii. 467, 1789. *Stew. E.* ii. 199, 1802. *Turt. Gm.* iii. 369, 1806.

*Tinea Mellonella*, *Fab. S. E.* 660, 1775. *Id. Sp. I.* ii. 296, 1781. *Id. M.* ii. 246, 1787. *Id. E. S.* iii. 2, 305, 1794. *Fuess. S. I.* 42, 17. *Goëtz. E. B.* iii. 94, 17. *Schr. F. B.* ii. 2, 128, 1802.

*Roes. Ins. B.* iii. 242, t. 41, f. 1—7, 1755.

*Swamm. B. N.* i. t. 26, f. 2.

*Reaum. M.* iii. t. 19, f. 7—9.

### 89, (445). APHOMIA.

*Aphomia*, *Hüb. V.* 369, 1816. *Zell. Isis*, 1848, p.

*Melia* (Gen. Plant.), *Curt.* v. fo. 201, 1827. *Step. (Cat.* ii. 213, 1829). *Guen. (Mi.* 70, 1845).

*Lithosia*, p., *Fab. E. S. Supp.* 460, 1798. *Haw. L. B.* 151, 1810.

*Crambus*, p., *Fab. E. S. Supp.* 469, 1798. *Haw. L. B.* 374, 1812.

*Galleria*, p., *Latr. G. I.* iv. 232, 1809. *Dup. Cat.* 325, 1846.

*Ilithya*, (*Crambus colonum*), *Latr. F. N.* 478, 1825. *Curt. (G.* 2 edit. 205, 1837).

*Ilythia*, *Step. (Cat.* ii. 213, 1829). *Id. H.* iv. 296, 1834.

*Herminia*, *Sam. (C. In.* 21, 1818).

### 1. APHOMIA SOCIELLA. The Green-shaded Honey Moth. B. M.

*Ilythia sociella*, *Step. H.* iv. 296, 1834. *Wood, I. E.* 207, t. 45, f. 1435, ♂, t. 46, f. 1436, ♀, 1838. *West. & H. M.* ii. 225, t. 114, f. 27, 1845.

*Melia sociella*, *Guen. (Mi.* 70, 1845).

*Galleria colonella*, *Zin. Som. Germ. M.* iv. 238, 1821. *Treit. E. S.* ix. 1, 46, 1832. *Dup. L. F.* xii. 251, t. 282, f. 6, a. ♂. f. b. ♀. 1836. *Evers. F. V. U.* 538, 1844.

*Galleria tribunella*, *Treit. (E. S.* viii. 292, 1830).

*Ilithya colonella*, *Curt. (G.* 2 edit. 205, 1837).

*Aphomia colonella*, *Zell. Isis*, 1846. *Stain. (Cat. Tin.* 3, 1851).

♂ *Phalæna* (*Tinea*) *sociella*, *Lin. S. N.* i. 534, 1758. *Id. F. S.* 2 edit. 353, 1761. *Clerck, Ic.* t. 3, f. 11, 176. *Lin. S. Nat.* i. 11, 883, 1764. *Gmel. S. N.* i. 5, 2585, 1788. *Vill. E. L.* ii. 453, 1789. *Turt. Gm.* iii. 361, 1806.

*Tinea sociella*, *Fab. S. E.* 656, 1775. *Id. Sp. I.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Id. E. S.* iii. 2, 288, 1794.

*Lithosia socia*, *Fab. E. S. Supp.* 460, 1798. *Haw. L. B.* 151, 1810.

*Melia socia*, *Curt. (B. E.* v. fo. 201, 1829). *Step. (Cat.* ii. 213, 1829).

*Melia sociella*, *Curt.* (*G.* 177, 1831).

*Tinea tribunella*, *Schiff.* (*W.* V. 319, 1776). *Id. Illig.* ii. 81, 1801. *Goëtz. E. B.* iii. 140, 1783. *Hüb. Ti.* t. 4, f. 22, 1800. *Schr. F. B.* ii. 2, 99, 1802. *Charp. Züns.* 102, 1821.

*Aphomia socialis*, *Hüb.* (*V.* 369, 1816).

*Noctua sociana*, *Haw.* (*Pr.* 13, 1802).

*Herminia socia*, *Sam.* (*I.* 21, 1818).

♀ *Phalæna* (*Tinea*) *colonella*, *Lin.* *S. N.* i. 534, 1758. *Id. F. S.* 2 edit. 353, 1761. *Clerck, Ic.* t. iii. f. 8, 176. *Lin. S. Nat.* i. 2, 883, 1764. *Gmel. S. N.* i. 5, 2586, 1788. *Vill. E. L.* ii. 454, 1789. *Müll. L. D. Pr.* 133, 1786. *Don. B. I.* viii. 28, t. 263, f. 2, 1799. *Stew. E.* ii. 196, 1802. *Turt. Gn.* iii. 361, 1836. *Goëtz. E. B.* iii. 78, 1783.

*Tinea colonella*, *Fab. E. S.* 655, 1775. *Schiff.* (*W.* V. 133, 1776. *Id. Illig.* ii. 81, 1801. *Fab. Sp.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Rossi, F. E.* ii. 204, 1790. *Id. Illig.* ii. 328, 1807. *Id. S. E.* iii. 2, 288, 1794. *Hüb. Ti.* t. 4, f. 23, 1800. *Schr. F. B.* ii. 2, 99, 1802. *Charp. Züns.* 101, 1821.

*Aphomia colonalis*, *Hüb.* (*V.* 369, 1816).

*Ilithya colonella*, *Curt.* (*B. E.* v. fo. 201, 1829).

*Ilythia colonella*, *Step.* (*Cat.* ii. 213, 1829).

*Crambus coloneum*, *Fab. E. S. Supp.* 469, 1798. *Latr. G. I.* iv. 232, 1809.

*Galleria colonella*, *Latr. G. I.* iv. 232, 1809.

*Noctua colonina*, *Haw.* (*Pr.* 13, 1802).

*Crambus colonatus*, *Haw. L. B.* 374, 1812.

*Herminia colonalis*, *Sam.* (*I.* 21, 1818).

## 90, (446). MELISSOBLAPTES.

*Melissoblaptes*, *Zell. Isis*, 1848, p. 578. *Stain. (Cat. Tin. Supp.* 1, 1851).

*Galleria*, p., *Zin. Som. Germ. M.* iv. 242, 1821.

### 1. MELISSOBLAPTES BIPUNCTANUS.\* The Double Spot.

*Galleria Anella*, *Zin. Som. Germ. Mag.* iv. 242, 1821. *Treit. E. S.* ix. 1, 44, 1832.

*Melissoblaptes bipunctanus*, *Zell. Isis*, 1848, p. 579. *Stain. (Cat. Tin. Supp.* 1, 1851).

## Sub-Family IV. CRAMBIDI.

Crambidi, *Guen.* (*Mi.* 86, 145).Crambidae, *Dup.* *C.* 313, 1846.

## 91, (447). PLATYTES.

Platytes, *Guen.* (*Mi.* 86, 1845).Thisanotia, p., *Hüb.* (*V.* 367, 1816).Palparia, p., *Haw. L. B.* 491, 1812.Crambus, p., *Step.* (*Cat.* ii. 219, 1829).Chilo, p., *Zin. Som. Germ. M.* ii. 66, 1817.Botys, p., *Dup. L. F.* x. 377, 1831.

## 1. PLATYTES CERUSSELLUS. The Dwarf Veneer.

B. M.

Chilo Cerussellus, *Zin. Som. Germ. M.* iv. 257, 1820. *Treit.*  
(*E. S.* viii. 294, 1830). *Id.* ix. 1, 88, 1832.Thisanotia Auriferalis, *Hüb.* (*V.* 467, 1816).Chilo auriferellus, *Zin. Som. Germ. M.* ii. 66, 1817.Crambus auriferellus, *Step.* (*Cat.* ii. 219, 1829).Crambus cerussellus, *Step. H* iv. 324, 1834. *Zell. Isis*, 1839,  
p. 173. *Dup. (C.* 316, 1846). *Stain. (Cat. Tin.* 1, 1849).Platytes cerussellus, *Guen.* (*Mi.* 86, 1845).♂ Tinea cerussella, *Schiff. (W. V.* 135, 1776). *Id. Illig.* ii.  
88, 1802. *Goetz. E. B.* iii. 129, 1783. *Charp. Züns.* iii.  
1821.Crambus cerussellus, *Curt. (G.* 2 edit. 206, 1837). *Wood, I.*  
*E.* 217, t. 47, f. 1502, 1838. *West. & H. M.* ii. 239, t. 116,  
f. 35, 1845.Tinea auriferella, *Hüb. T.* t. 9, f. 62, 1800.Palparia aurifera, *Haw. L. B.* 491, 1812.Crambus auriferus, *Curt. (B. E.* iii. fo. 109, 1827).Crambus auriferellus, *Curt. (G.* 178, 1831. *Id. (2 edit.* 207,  
1837).♀ Tinea quadrella, *Schiff. (W. V.* 135, 1776). *Id. Illig.* 88,  
1802. *Goetz. E. B.* iii. 129, 1783. *Charp. Züns.* iii. 1821.

*Crambus quadrellus*, *Dup. L. F.* xii. 65, f. 292, 1836.

*Tinea barbella*, *Hüb. Ti.* t. 9, f. 61, 1800.

*Palparia barbella*, *Haw. L. B.* 490, 1812.

*Crambus barbus*, *Curt. (B. E.* iii. fo. 109, 1827).

*Crambus barbellus*, *Curt. (G.* 178, 1821).

Var. ♀. *Palparia pygmæa*, *Haw. MSS.*

*Crambus pygmæus*, *Step. (Cat.* ii. 219, 1829). *Id. H.* iv.

324, 1834. *Wood, (I. E.* 217, t. 47, f. 1503, 1838). *Curt.*

(*G.* 178, 1831). *Id.* 2 edit. 206, 1837. *West. & H. M.* ii.

240, t. 116, f. 36, 37, 1845.

Var. α. *Botys Nemausalis*, *Dup. L. F.* v. 377, t. 236, f. 7, 1831.

## 92, (448). EROMENE.

*Eromene*, *Hüb. V.* 366, 1816. *Zell. Isis*, 1848, p.

*Palparia*, p., *Haw. L. B.* 436, 1812.

*Oncocera*, B., *Step. (Cat.* ii. 217, 1829).

*Phycis*, p., *Treit. E. S.* ix. 1, 200, 1832.

*Araxes*, *Step. H.* iv. 316, 1834.

*Euchromius*, p., *Guen. (Mi.* 86, 1845).

### 1. EROMENE OCELLÆA. The Necklace Veneer.

*Palparia ocellæa*, *Haw. L. B.* 436, 1812.

*Crambus ocellæa*, *Sam (I.* 13, 1818).

*Oncocera ocellæa*, *Step. (Cat.* ii. 217, 1829). *Curt. (G.* 178,

1831). *Wood, I. E.* 214, t. 47, f. 1480. *West. & H. M.* ii.

234, t. 115, f. 40, 1845.

*Araxes ocellæa*, *Step. H.* iv. 316, 1834.

*Abraxes ocellæa*, *Curt. (G.* ii. 209, 1837).

*Phycis funiculella*, *Treit. E. S.* ix. 1, 200, 1832. *Evers. F. V.*

*U.* 562, 1844.

*Crambus*? *Cyrilliella*, *Costa, Lep. N.* t. f. 1832.

*Eromene Cyrilli*, *Zell. Isis*, (1839, p. 176). *Id.* 1848, p.

*Dup. (Cat.* 319, 1846).

*Euchromius funiculellus*, *Guen. (Mi.* 86, 1845).

*Crambus Cyrilli*, *H.-Schæff. Ti.* t. 20, f. 144 ♂, f. 145 ♀,

184.

## 93, (449). CRAMBUS.

- Crambus*, *Fab. E. S. Supp.* 464, 1798. *Leach, E. E.* ix. 135.  
 1815. *Curt. B. E.* iii. fo. 109, 1827. *Zell. Isis*, 1839, p.  
 248. *Guen. (Mi.* 87, 1845). *Dup. (Cat.* 314, 1846. *Stain.*  
*(Cat. Tin.* 1, 1849).  
*Palparia*, p., *Haw. L. B.* 487, 1812.  
*Chilo*, p., *Zin. Som. Germ. M.* iii. , 1818.  
*Trichostoma*, *Zin. Som. (olim).*  
*Agriphila*, p., *Hüb. (V.* 365, 1816).

## A. THISANOTIA.

- Thisanotia*, p., *Hüb. (V.* 367, 1816).

## 1. CRAMBUS RORELLUS. The Chalk-pit Veneer.

- Phalæna (Tinea) rorella*, *Lin. S. Nat.* i. 2, 886, 1764. *Gmel.*  
*S. N.* i. 5, 2590, 1788. *Vill. L. E.* ii. 461, 1789. *Goetz. E.*  
*B.* iii. 88, 1783. *Brahm, I. K.* ii. 1, 498, 1792.  
*Tinea rorella*, *Rossi, F. E.* ii. 205, 1790. *Id. Illig.* ii. 330,  
 1807. *Treit. Heulf.* 393, 1804.  
*Chilo rorellus*, *Zin. Som. Germ. M.* ii. 68, 1817.  
*Crambus rorellus*, *Step. (Cat.* ii. 220, 1829). *Curt. (G.* 178,  
 1831). *Step. H.* iv. 326, 1834. *Curt. (G. 2 edit.* 206,  
 1837). *Treit. (E. S.* viii. 294, 1830). *Id.* ix. 1, 89, 1832.  
*Wood, I. E.* 218, t. 48, f. 1509. *Dup. L. F.* xii. 73, t. 269,  
 f. 5, ♂, ♀, 1836. *Zell. (Isis*, 1839, p. 173). *Bert. Lep.*  
*Bon.* 191, 1844. *West. & H. M.* ii. 238, t. 116, f. 20, 1845.  
*Guen. (Mi.* 93, 1845). *Dup. (Cat.* 316, 1846). *Stain. (Cat.*  
*Tin.* 1, 1849).  
*Thisanotia Roralis*, *Hüb. (V.* 367, 1816).  
*Phalæna (Tinea) Craterella*, *Scop. ? E. C.* 246, 1763.  
*Tinea linetella*, *Fab. Sp. I.* ii. 291, 1781. *Id. M.* ii. 242,  
 1787. *Id. E. S.* iii. 2, 292, 1794.  
*Phalæna (Tinea) linetella*, *Gmel. Syst. N.* i, 5, 2588, 1788.  
*Crambus lineatus*, *Fab. E. S. Supp.* 470, 1798.  
*Tinea chrysonuchella*, *Hüb. Ti.* t. 7, f. 43, 1800.  
*Crambus chrysonuchellus*, *Curt. (B. E.* iii. fo. 109, 1827).

## 2. CRAMBUS CHRYSONUCELLUS. The Powdered Veneer. B. M.

*Phalæna* (Tinea) *chrysonuchella*, Scop. *E. C.* 246, 1763.  
*Brahm, I. K.* ii. 1, 499, 1790.

*Thisanotia Chrysonuchalis*, Hüb. (*V.* 367, 1816).

*Chilo chrysonuchellus*, Zin. *Som. Germ. M.* ii. 69, 1817.  
*Treit. (E. S.* viii. 294, 1830). *Id.* ix. 1, 91, 1832.

*Crambus chrysonuchellus*, Step. (*Cat.* ii. 220, 1829). *Id. H.*  
 iv. 325, 1834. *Dup. L. F.* xii. 75, t. 269, f. 6, 1836. *Wood,*  
*I. E.* 217, t. 48, f. 1508, 1839. *Zell. (Isis,* 1839, p. 173).  
*Bert. Lep. Bon.* 191, 1844. *West. & H. M.* ii. 237, t. 116,  
 f. 19, 1845. *Guen. (Mi.* 93, 1845). *Dup. (Cat.* 316, 1846).  
*Stain. (Cat.* 1, 1849).

*Tinea chrysonuchella*, *Treit. Heulf.* 393, 1834.

*Tinea campella*, Hüb. *Ti.* t. 7, f. 44, 1800. *Haw. (Pr.* 36,  
 1802).

*Palparia campea*, *Haw. L. B.* 489, 1812.

*Crambus campellus*, Curt. (*G.* 178, 1831). *Id. (2 edit.* 206,  
 1837).

## B. ARGYROTEUCHIA.

*Argyroteuchia*, p., Hüb. *V.* 364, 1816.

## 3. CRAMBUS FALSELLUS. The Checquered Veneer. B. M.

*Tinea falsella*, Schiff. (*W. V.* 134, 1776). *Id. Illig.* ii. 86,  
 1802. *Fab. M.* ii. 243, 1787. *Id. E. S.* iii. 2, 295, 1794.  
*Hüb. Ti.* t. 5, f. 30, 1800. *Schr. F. B.* ii. 2, 103, 1802.  
*Turt. Gm.* ii. 365, 1806. *Charp. Züns.* 109, 1821. *Treit.*  
*Heulf.* 394, 1834.

*Phalæna* (Tinea) *falsella*, Gmel. *S. Nat.* i. 5, 2590, 1788. *Vill.*  
*Ent. L.* iv. 537, 1789. *Goetz. E. B.* iii. 129, 1783.

*Argyroteuchia falsalis*, Hüb. (*V.* 364, 1816).

*Chilo falsellus*, Zin. *Som. Germ. M.* ii. 80, 1817. *Treit. (E.*  
*S.* viii. 294, 1830). *Id.* ix. 1, 105, 1832. *Zett. Ins. Lap.*  
 994, 1840.

*Palparia falsa*, *Haw. L. B.* 488, 1812.

*Crambus falsa*, Sam. (*I.* 13, 1818).



*Crambus falsellus*, *Step.* (*Cat.* ii. 220, 1829). *Id.* *H.* iv. 326, 1834. *Wood, I. E.* 218, t. 48, f. 1510, 1838. *Dup. L. F.* xii. 77, t. 270, f. 2, 1836. *Zell. (Isis, 1839, p. 173).* *Guen. (Mi. 87, 1845).* *Dup. (Cat. 316, 1846).* *Stain. (Cat. Tin. 1, 1849).* *West. & H. M.* ii. 238, t. 116, f. 21, 1845.  
*Tinea abruptella*, *Thun. Diss. (Wenner), 83, f. 2, 1794,*

### C. ANCYLOLOMIA.

*Ancylolomia*, *Hüb. (V. 363, 1816).*

#### CRAMBUS TENTACULELLA. The Portland Veneer.

*Tinea tentaculella*, *Hüb. Ti. t. 33, f. 230, 1800.*  
*Ancylolomia Tentalis*, *Hüb. (V. 363, 1816).*  
*Chilo tentaculellus*, *Zin. Som. Germ. M. ii. 45, 1817. Treit. (E. S. viii. 293, 1830).* *Id. ix. i. 70, 1832.*  
*Palparia tentaculea*, *Haw. L. B. 487, 1812.*  
*Crambus tentaculellus*, *Curt. (B. E. iii. fo. 109, 1827).* *Step. (Cat. ii. 218, 1829).* *Id. H. iv. 319, 1834. Curt. (G. 178, 1831).* *Id. (2 edit. 206, 1837).* *Dup. L. F. xii. 44, t. 268, f. 4, ♂, f. 5, ♀, 1836.* *Zell. (Isis, 1839, p. 171).* *Guen. (Mi. 87, 1845).* *Dup. (Cat. 314, 1846).*

### D. ARGYROTECNA.

*Argyroteuchia*, p., *Hüb. V. 364, 1816.*

#### 5. CRAMBUS PRATELLUS. The Dark Inlaid Veneer. B. M.

*Phalæna (Tinea) pratella*, *Lin. S. N. i. 535, 1758. Cl. Ic. t. 3, f. 14, 1759. Lin. F. S. 2. edit. 355, 1761. Id. S. Nat. i. 2, 886, 1764. Müll. F. Fr. 55, 1764. Id. Zool. D. Pr. 134, 1786. Fuess. Schw. I. 24, 1775. Goëtz. E. B. iii. 86, 1783. Gmel. S. N. i. 5, 2590, 1788. Stew. (El. ii. 197, 1802). Turt. Gm. iii. 364, 1806.*

- Tinea pratella*, *Fab. E. S.* 658, 1775. *Id. Sp. I.* ii. 292, 1781.  
*Id. M.* ii. 242, 1787. *Rossi, F. E.* ii. 204, 1790. *Id. Illig.*  
 ii. 329, 1807. *Fab. S. E.* iii. 2, 294, 1794. *Haw. (Pr.* 36,  
 1802). *Hüb. Ti.* t. 60, f. 401, 1814? *Charp. ? Züns.* 113,  
 1821. *Treit. Heulf.* 392, 1834. *Reich. Schm.* 145, 1862.  
*Crambus pratorum*, *Fab. E. S. Supp.* 471, 1798. *Walck. F.*  
*P.* ii. 313, 1802. *Leach, (E. E.* ix. 135, 1815). *Sam. (I.*  
 13, 1818). *Zell. Isis*, 1839, p.  
*Argyroteuchia Pratalis*, *Hüb. (V.* 364, 1816).  
*Chilo Pratellus*, *Zin. Som. Germ. M.* ii. 56, 1817. *Treit. (E.*  
*S.* viii. 293, 1830). *Id. ix.* 1, 81, 1832. *Evers. F. V. U.*  
 542, 1844. *Zett. Ins. Lap.* 993, 1840.  
*Crambus pratensis*, *Latr. teste Dup. C. l. c.*  
*Palparia pratea*, *Haw. (L. B.* 488, 1812).  
*Crambus pratellus*, *Step. (Cat. ii.* 218, 1829). *Id. H.* iv. 321,  
 1834. *Curt. (G.* 178, 1831). *Id. (2 edit.* 206, 1837).  
*Wood, I. E.* 216, t. 47, f. 1495, 1838. *West. & H. M.* ii.  
 236, t. 116, f. 11, 1845. *Dup. L. F.* xii. 54, t. 269, f. 3,  
 a—c. 1836. *Stain. (Cat. Tin.* 1, 1849). *Guen. (Mi.* ,  
 1845). *Dup. (Cat.* 315, 1846).  
 Var. ♀. *Crambus angustellus*, *Step. (Cat. ii.* 218, 1829). *Id. H.*  
 iv. 322, 1834. *Wood, I. E.* 216, t. 47, f. 1496, 1838. *West.*  
*& H. M.* ii. 237, t. 116, f. 12, 1845.  
 Var. ♂. *Crambus Ericellus*, *Wood, I. E.* 215, t. 47, f. 1494, 1836  
 (not *Hüb.*).

# 6. CRAMBUS DUMETELLUS. The Hook-streak Veneer. B. M.

- Tinea Dumetella*, *Hüb. Ti.* t. 58, f. 389, ♂, f. 390, ♀, 1814?  
*Chilo Dumetellus*, *Zin. Som. Germ. M.* ii. 54, 1817. *Treit.*  
*(E. S.* viii. 293, 1830). *Id. ix.* 1, 80, 1832.  
*Crambus Dumetellus*, *Step. (Cat. ii.* 218, 1829). *Curt. (G.*  
 178, 1831). *Id. (2 edit.* 206, 1837). *Step. H.* iv. 321,  
 1834. *Dup. L. F.* xii. 52, t. 269, f. 2, 1836. *Zell. Isis*,  
 1839. *Wood, I. E.* 215, t. 47, f. 1493. *West. & H. M.*  
 ii. , t. f. , *Guen. (Mi.* 88, 1845). *Dup. (Cat.*  
 315, 1846). *Stain. (Cat. Ti.* 1, 1849).  
*Tinea Pratella*, *Hüb. ? Ti.* t. 5, f. 29, 1800.  
*Agriphila Pratalis*, *Hüb. (V.* 365, 1816).  
*Phalæna (Tinea) pascuella*, *Scop. ? E. C.* 244, 1763.  
*Argyroteuchia Dumetalis*, *Hüb. (V.* 364, 1816).  
*Argyroteuchia Saltalis*, *Hüb. ? (V.* 364, 1816).

## 7. CRAMBUS ERICELLUS. The Heath Veneer.

B. M.

- Tinea Ericella*, *Hüb. Ti. t. 54, f. 371, 1814?*  
*Argyroteuchia Ericalis*, *Hüb. (V. 364, 1816).*  
*Chilo Ericellus*, *Zin. Som. Germ. M. ii. 52, 1817. Treit. (E. S. viii. 293, 1830). Id. ix. 1, 77, 1832.*  
*Crambus Ericellus*, *Step. (Cat. ii. 218, 1829). Curt. ? (G. 178, 1829). Step. H. iv. 321, 1834. Curt. ? (G. 2 edit. 206, 1837). West. & H. M. ii. pl. 116, f. 10. Guen. (Mi. 88, 1845). Dup. (Cat. 315, 1846). Stain. (Cat. Tin. 1, 1849).*

## 8. CRAMBUS SYLVELLUS. The Wood Veneer.

B. M.

- Tinea Sylvella*, *Hüb. Ti. t. 54, f. 369, ♂, f. 370, ♀, 1814.*  
*Argyroteuchia Adippalis*, *Hüb. (V. 364, 1816).*  
*Chilo Adippellus*, *Zin. Som. Germ. M. ii. 47, 1817. Treit. (E. S. viii. 293, 1830). Id. ix. 1, 73, 1832.*  
*Crambus sylvellus*, *Curt. (G. 2 edit. 206, 1837). Zell. Isis, 1838, p. . Stain. (Cat. Tin. 1, 1849).*  
*Crambus Adippellus*, *Dup. L. F. xii. 48, t. 269, f. 4, 1836. Guen. (Mi. 88, 1845). Dup. (Cat. 315, 1846).*

## 9. CRAMBUS HAMELLUS. The Pearl-streak Veneer.

B. M.

- Tinea Hamella*, *Thun. Diss. (Wenner), 84, t. adj. f. 3, 1794.*  
*Crambus Hamellus*, *Step. (Cat. ii. 218, 1829). Curt. (G. 178, 1829). Step. H. iv. 320, 1834. Wood, I. E. 215, t. 47, f. 1491, 1838. Curt. (G. 2 edit. 206, 1837). Zell. (Isis, 1838, p. . Stain. (Cat. Tin. 1, 1849). West. & H. M. ii. pl. 116, f. 7.*  
*Palparia baccæstria*, *Haw. L. B. 488, 1812.*  
*Tinea ensigerella*, *Hüb. Ti. t. 54, f. 367, 1814.*  
*Argyroteuchia Ensigeralis*, *Hüb. (V. 364, 1816).*  
*Chilo Ensigerellus*, *Zin. Som. Germ. M. ii. 53. 1817. Treit. (E. S. viii. 293, 1830). Id. ix. 1, 79, 1834.*  
*Crambus ensigerellus*, *Dup. L. F. xii. 57, t. 275, f. 5, 1836. Guen. (Mi. 88, 1845). Dup. (Cat. 315, 1846). Stain. Cat. Tin. 1, 1849).*

## 10. CRAMBUS PASCUELLUS. The Inlaid Veneer.

B. M.

*Phalæna* (*Tinea*) *pascuella*, *Lin. S. N.* i. 535, 1758. *Id. F. S.* 355, 1761. *Scop. P. E. C.* 244, 1763. *Lin. S. Nat.* i. 11, 886, 1764. *Müll. T. F.* 55, 1764. *Müll. L. D. Pr.* 134, 1786. *Goetz. E. B.* iii. 85, 1783. *Gmel. S. N.* i. 5, 2590, 1788. *Vill. E. L.* ii. 460, 1789. *Brahm, I. K.* ii. 487, 1791. *Schr. F. B.* ii. 2, 100, 1802. *Stew. E.* ii. 197, 1802. *Turt. Gen.* iii. 365, 1806.

*Tinea pascuella*, *Fab. S. E.* 658, 1775. *Schiff. P. (W. V.* 134, 1776). *Id. Illig.* ii. 82, 1801. *Fab. Sp. I.* ii. 292, 1781. *Id. M.* ii. 243, 1787. *Rossi, F. E.* ii. 204, 1790. *Id. Illig.* ii. 329, 1807. *Fab. E. S.* iii. 2, 295, 1794. *Hüb. Ti.* t. 5, f. 31, 1800. *Haw. (Pr.* 36, 1802). *Charp. Züns.* 103, 1821. *Treit. Heulf.* 392, 1834.

*Palparia pascuea*, *Haw. Lep. B.* 488, 1812.

*Argyroteuchia Pascualis*, *Hüb. (V.* 364, 1816).

*Chilo pascuella*, *Zin. Som. Germ. Mag.* ii. 49, 1817. *Treit. (E. S.* viii. 293, 1836). *Id. ix.* 1, 75, 1834. *Zett. I. L.* 993, 1840.

*Crambus pascuum*, *Fab. E. S. Supp.* 471, 1798. *Walck. F. P.* ii. 313, 1802.

*Crambus pascuorum*, *Leach, (E. E.* ix. 135, 1815). *Sam. (I.* 13, 1818).

*Crambus pascuellus*, *Step. (Cat.* ii. 218, 1829). *Curt. (G.* 178, 1831). *Step. H.* iv. 320, 1834. *Curt. (G. 2 edit.* 206, 1837). *Wood, I. E.* 215, t. 47, f. 1492. *West. & H. M.* ii. 236, t. 116, f. 8. *Dup. L. F.* xii. 50, t. 269, f. 1, 1836. *Zell. Isis*, 1838, p. . *Guen. (Mi.* 88, 1845). *Dup. (Cat.* 315, 1846). *Stain. (Cat. Tin.* 1. 1849).

Var. *a.* *Chilo pascella*, *Ahr. F.* iii. f. 16, 1815.

## 11. CRAMBUS ULIGINOSELLUS. The Marsh Veneer.

*Crambus Uliginosellus*, *Zell. Zeits. Bres. Ver. L.* 34, *Stain. Pro. Ent. Soc.* 1850, p. 6. *Id. Cat. Ti. Supp.* 1, 1851.

## E. CHRYSOTEUCHIA.

*Chrysoteuchia*, *Hüb. V.* 366, 1816.

## 12. CRAMBUS HORTUELLUS. The Garden Veneer.

B. M.

*Tinea Hortuella*, *Hüb. Ti.* t. 7, f. 46, 1800.

*Chilo Hortuellus*, *Zin. Som. Germ. M.* ii. 62, 1817. *Treit.* (E. S. viii. 294, 1830). *Id.* ix. i. 84, 1832. *Zett. Ins. Lap.* 993, 1840. *Evers. F. V. U.* 543, 1844.

*Crambus Hortuellus*, *Step. (Cat.* ii. 218, 1829). *Curt. (G.* 178, 1831). *Step. H.* iv. 322, 1834. *Curt. (G. 2 edit.* 206, 1837). *Wood, I. E.* 216, t. 47, f. 1479, 1845. *Dup. L. F.* xii. 68, t. 271, f. 1, b. 1836. *Zell. Isis*, 184, p. *Guen. (Mi.* 93, 1845). *Dup. (Cat.* 315, 1846). *Stain. (Cat. Tin.* 1, 1851).

*Palparia hortuea*, *Haw. L. B.* 490, 1812.

*Chrysoteuchia Hortalis*, *Hüb. (V.* 366, 1816).

*Crambus hortorum*, *Sam. (I.* 13, 1818).

Var. a. *Tinea strigella*, *Fab. Sp. I.* ii. 293, 1781. *Id. M.* ii. 244, 1787. *Id. E. S.* iii. 2, 297, 1794.

*Phalæna (Tinea) strigella*, *Gmel. P. S. Nat.* i. 5, 2591, 1788. *Vill. E. L.* ii. 496, 1789. *Turt. Gen.* iii. 366, 1806.

*Crambus strigatus*, *Fab. E. S. Supp.* 472, 1798.

*Tinea cespitella*, *Hüb. Ti.* t. 7, f. 45, 1800.

*Palparia cespitæa*, *Haw. L. B.* 490, 1812.

*Chrysoteuchia Caricetalis*, *Hüb. (V.* 466, 1816).

*Crambus cespitis*, *Sam. (I.* 13, 1818).

*Crambus cespitellus*, *Step. (C.* ii. 219, 1829). *Curt. (G.* 178, 1831). *Step. H.* iv. 322, 1834. *Curt. (G. 2 edit.* 206, 1837). *Wood, I. E.* 216, t. 47, f. 1498. *West. & H. M.* ii. pl. 116, f. 14 (Straw-coloured Veneer).

*Tinea chrysonuchella*, *Schiff. P. (W. V.* 134, 1776). *Id. P. Illig.* ii. 84, 1801. *Charp. Zins.* 104, 1821.

*Chilo Hortuellus*, var., *Zin. Som. Germ. M.* ii. 62, 1817. *Treit. E. S.* ix. 1, 84, 1832. *Dup. L. Fr.* xii. 69, t. 271, f. 1, a. 1836.

Var. b. *Crambus montanellus*, *Step. (Cat.* ii. 219, 1829). *Id. H.* iv. 323, 1834. *Wood, I. E.* 216, t. 47, f. 1499, 1838.

Var. c. *Crambus marginellus*, *Step. (Cat.* ii. 219, 1829). *Id. H.* iv. 323, 1834. *Wood, I. E.* 216, t. 47, f. 1500, 1838.

## F. EXORIA.

*Exoria*, *Hüb. V.* 367, 1816.

B. M.

13. CRAMBUS CULMELLUS. The Small Straw-coloured Veneer.

*Phalæna* (*Tinea*) *Culmella*, *Lin. S. N.* i. 535, 1758. *Id. F. S.* 2 edit. 355, 1761. *Scop. E. C.* 246, 1763. *Lin. S. Nat.* i. 2, 886, 1764. *Vill. E. L.* ii. 461, 1789. *Fuessl. S. In.* 42, 1775. *Müll. L. D. Pr.* 154, 1786.

*Tinea Culmella*, *Goetz. E. B.* iii. 87, 1783.

*Chilo Culmellus*, *Zin. Som. Germ. M.* ii. 70, 1817. *Treit. (E. S.* viii. 294, 1830). *Id.* ix. 1, 93, 1832. *Zett. Ins. Lap.* 994, 1840.

*Crambus Culmellus*, *Step. (Cat.* ii. 219, 1829). *Curt. (G.* 178, 1831). *Step. H.* iv. 323, 1834. *Dup. L. F.* xii. 71, t. 271, f. 2, 1836. *Curt. (G.* 2 edit. 206, 1837). *Wood, I. E.* 217, t. 47, f. 1501, 1839? *West. & H. M.* ii. 239, pl. 116, f. 34. *Guen. (Mi.* 92, 1845). *Evers. F. V. U.* 544, 1844. *Zell. Isis*, 1848. *Dup. (Cat.* 316, 1846). *Stain. (Cat. Tin.* 2, 1851).

*Tinea straminella*, *Hüb. Ti.* t. 7, f. 49, 1800. *Haw. (Pr.* 36, 1802).

*Palparia striga*, *Haw. L. B.* 490, 1812.

*Exoria Culmalis*, *Hüb. (V.* 367, 1816).

*Reaum. M.* i. t. 17, f. 13, 14.

14. CRAMBUS PEDRIOLELLUS. The Coast Veneer.

*Crambus Pedriolellus*, *Dup. L. Fr.* xii. 134, t. 27, f. 6, 1836. *Guen. Ann. E. S. Fr.* 1845, p. 329. *Id. (Mi.* 91, 1845). *Dup. (Cat.* 318, 1846). *Zell. Isis*, p. . *Stain. (Cat. Tin.* 2, 1851).

*Tinea spuriella*, *Hüb. ? Ti.* t. 71, f. 471, 183 .

*Chilo aridellus*, *Zin. Som. ? Germ. M.* ii. , 1817.

## G. PEDIASIA.

*Pediasia*, *Hüb.* V. 365, 1816.

## 15. CRAMBUS INQUINATELLUS. The Barred Veneer. B. M.

*Tinea inquinatella*, *Schiff.* (*W.* V. 134, 1776). *Id. Illig.* ii. 85, 1801. *Goëtz. E. B.* iii. 128, 178. *Hüb. Ti.* t. 8, f. 54, 1800. *Charp. Züns.* 106, 1821. *Treit. Heulf.* 394, 1834.

*Chilo inquinatellus*, *Zin. Som. Germ. M.* ii. 103, 1817. *Treit.* (*E. S.* viii. 295, 1830). *Id.* ix. 1, 121, 1832.

*Crambus inquinatellus*, *Stain.* (*Cat. Tin.* 2, 1851).

*Pediasia Inquinatalis*, *Hüb.* (V. 365, 1816).

*Palparia rorea*, *Haw. L. B.* 489, 1812.

*Crambus rosea*, *Sam.* (*I.* 13, 1818).

*Crambus luteellus*, *Step.* (*Cat.* ii. 220, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 218, 1834. *Id.* (2 edit. 206, 1837). *Wood, I. E.* 218, t. 48, f. 1511.

## 16. CRAMBUS GENICULEUS. The Elbow-striped Veneer. B. M.

*Palparia geniculea*, *Haw. L. B.* 488, 1812.

*Crambus geniculeus*, *Sam.* (*I.* 13, 1818). *Curt.* (*G.* 178, 1831). *Id.* (2 edit. 206, 1837). *Stain.* (*Cat. Tin.* 2, 1851).

*Tinea inquinatella*, *Haw. Pr.* 36, 1802.

*Crambus inquinatellus*, *Step.* (*Cat.* ii. 220, 1829). *Id. H.* iv. 327, 1834. *Wood, I. E.* 218, t. 48, f. 1513.

*Tinea immistella*, *Hüb. Ti.* t. 53, f. 364, 1814.

*Crambus immistellus*, *Guen.* (*Mi.* 92, 1845).

*Crambus angulatellus*, *Dup. L. F.* xii. 118, t. 273, f. 1, 1836. *Dup.* (*Cat.* 318, 1846).

*Crambus suspectellus*, *Zell.* (*Isis*, p. ).

*Pediasia Immistalis*, *Hüb.* (V. 365, 1816).

*Phycis immistella*, *Zin. Som. Germ. M.* iii. 146, 1818.

*Tinea gramella*, *Fab. P Sp. I.* ii. 294, 1781. *Id. P M.* ii. 245, 1787. *Id. P E. S.* iii. 2, 300, 1794.

*Phalæna* (*Tinea*) *gramella*, *Gmel. P S. Nat.* i. 5, 2592, 1788. *Id. E. L. Turt. P Gmel.* iii. 367, 1806.

## 17. CRAMBUS ARIDELLUS. The Waste Veneer.

B. M.

*Tinea aridella*, *Thunb. Diss. (Wenner)*, 83, t. adj. f. 1, 1794.*Crambus aridellus*, *Step. (Cat. ii. 220, 1829)*. *Curt. (G. 178, 1831)*. *Step. H. iv. 327, 1834*. *Wood, I. E. 218, t. 48, f. 1514*. *Curt. (G. 2 edit. 206, 1837)*.*Chilo aridellus*, *Zin. Som. Germ. M. iii. 116, 1818*.*Tinea contaminella*, *Hüb. ? Ti. t. 9, f. 59, 1800*.*Chilo contaminellus*, *Zin. Som. ? Germ. M. ii. 107, 1817*. *Treit. ? (E. S. viii. 295, 1830)*. *Id. ? ix. i. 124, 1834*.*Crambus contaminellus*, *Dup. ? L. F. xii. 273, t. 283, f. 4, 1836*. *Guen. ? (Mi. 92, 1845)*. *Dup. ? (Cat. 318, 1846)*. *Stain. (Cat. Tin. 2, 1851)*.*Pediasia Contaminalis*, *Hüb. ? (V. 365, 1816)*.

## H. AGRIPHILA.

*Agriphila*, *Hüb. V. 365, 1816*.

## 18. CRAMBUS SELASELLUS. The Pale Streaked Veneer. B. M.

*Tinea selasella*, *Hüb. Ti. t. 60, f. 405, ♂, f. 406, ♀, 1815 ?**Agriphila Selasalis*, *Hüb. (V. 365, 1816)*.*Chilo selasellus*, *Zin. Som. Germ. M. ii. 92, 1817*. *Treit. (E. S. 295, 1830)*. *Id. ix. 1, 119, 1834*.*Crambus selasellus*, *Step. (Cat. ii. 220, 1829)*. *Curt. (G. 178, 1830)*. *Step. H. iv. 328, 1834*. *Dup. L. F. xii. 104, t. 272, f. 3, 1836*. *Curt. (G. 2 edit. 206, 1837)*. *Wood, I. E. 218, t. 48, f. 1525, 1839*. *Bert. Lep. Bon. 191, 1844*. *Guen. (Mi. 70, 1845)*. *Dup. (Cat. 317, 1846)*. *Stain. (Cat. Tin. 2, 1851)*.*Crambus pratellus*, *Zell. Isis, , p.**Var. a. Crambus obtusellus*, *Step. (Cat. ii. 220, 1829)*. *Id. H. iv. 328, 1834*. *Wood, I. E. 219, t. 48, f. 1516*.



## 19. CRAMBUS TRISTELLUS. The Common Veneer. B. M.

*Tinea tristella*, Schiff. (W. V. 134, 1776). *Id. Illig.* p. 87, 1801. *Fab. M.* ii. 243, 1787. *Id. E. S.* iii. 2, 206, 1794, *Charp. Züns.* 109, 1821.

*Palparia tristis*, Haw. L. B. 480, 1812.

*Crambus tristellus*, Zell. *Isis*, 18, p. . *Guin.* (M. 90, 1845). *Dup.* (C. 317, 1846). *Stain.* (Cat. Tin. 2, 1849).

*Crambus tristis*, Step. (C. ii. 219, 1829). *Curt.* (G. 178, 1831). *Step. H.* iv. 327, 1834. *Wood, I. E.* 218, t. 48, f. 1512. *Curt.* (G. 2 edit. 206, 1837). *West. & H. M.* ii. 238, t. 116 f. 23.

*Tinea ferrugella*, Thunb. *Diss.* (Wenner) 84, 1794.

*Crambus moerens*, *Fab. E. S. Supp.* 473, 1798.

*Tinea aquilella*, Hüb. *Ti.* t. 8, f. 52, 1800. *Treit. Heulf.* 394, 1834. *Reich. Schm.* 145, 1852.

*Agriphila Aquilalis*, Hüb. (V. 365, 1816).

*Chilo aquilellus*, Zin. *Som. Germ. M.* ii. 88, 1817. *Treit.* (E. S. viii. 294, 1830). *Id.* ix. 1, 114, 1832.

Var. a. *Crambus aquilellus*, Step. (Cat. ii. 221, 1829). *Curt.* (G. 178, 1831). *Step. H.* iv. 329, 1834. *Wood, I. E.* 219, t. 48, f. 1518. *Curt.* (G. 2 edit. 206, 1837). *West. & H. M.* ii. 239, t. 116, f. 29. *Dup. L. F.* xii. 106, t. 272, f. 5, 1836.

Var. b. *Tinea culmella*, *Fab. E. S.* iii. b. 295, 1794. *Haw.* (Pr. 36, 1802). *Hüb. Ti.* t. 60, f. 404, 1814?

*Crambus Culmorum*, *Fab. E. S. Supp.* 471, 1798. *Walck. F. P.* ii. 313, 1802. *Step.* (Cat. ii. 221, 1829). *Curt.* (G. 178, 1831). *Step. H.* iv. 329, 1834. *Wood, I. E.* 219, t. 48, f. 1520. *Curt.* (G. 2 edit. 206, 1837). *West. & H. M.* ii. 239. t. 116, f. 31.

*Palparia culmea*, Haw. L. B. 485, 1812.

*Crambus Culmorum*, Sam. (I. 13, 1818).

Var. c. *Tinea Culmella*, Schiff. ? (W. V. , 1776). *Id. ? (Illig.* ii. , 1801). *Hüb. Ti.* t. 8, f. 50, 1800. *Haw.* (Pr. 36, 1802).

*Palparia culmea*, p., Haw. L. B. 485, 1812. Large brown-edged Veneer.

Var. d. *Tinea paleella*, Hüb. *Ti.* t. 8, f. 51, 1800. *Haw.* (Pr. 36, 1802).

*Agriphila Exoletalis*, Hüb. ? (V. 365, 1816).

*Crambus paleellus*, Step. (Cat. ii. 221, 1829). *Curt.* (G. 178, 1831). *Step. H.* iv. 329, 1834. *Wood, I. E.* 219, t. 48, f. 1519. *Curt.* (G. 2 edit. 206, 1837). *West. & H. M.* ii. 239, t. 116, f. 30.

- Var. *e.* *Tinea Pratella*, Schiff. (*W. V.* 135, 1776). *Id. Illig.* ii. 89, 1801. *Brahm?* *I. K.*
- Var. *f.* *Palparia petrifica*, Haw. *L. B.* 485, 1812.  
*Crambus petrifica*, Sam. (*I.* 13, 1818).  
*Crambus petrificellus*, Step. (*Cat.* ii. 220, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 328, 1834. *Wood, I. E.* 219, t. 48, f. 1519.
- Var. *a.* ♀. *Crambus fuscicellus*, Step. (*Cat.* ii. 220, 1819). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 328, 1834. *Wood, I. E.* 219, t. 48, f. 1521. *Curt.* (*G.* 2 edit. 206, 1837).
- Var. *b.* ♀. *Crambus nigristriellus*, Step. (*Cat.* ii. 221, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 330, 1834. *Wood, I. E.* 219, t. 48, f. 1522. *Curt.* (*G.* 2 edit. 206, 1837).

## I. EUCARPHIA.

*Eucarpia*, Hüb. (*V.* 364, 1816).

## 20. CRAMBUS FURCATELLUS. The Northern Veneer. B. M.

- Chilo furcatellus*, Zett. *Ins. Lap.* 995, 1840.  
*Crambus Lapponicellus*, Guen. in litt. teste Stain. (*Cat. Tin.* 2, 1849). *Dup. L. F.* 317 (1844). *Guen. (Mi.* 88, 1845).  
*Dup. (Cat.* 317, 1846).  
*Crambus radiellus*, *Curt. B. E.* iii. t. 109, 1827. *Step. (Cat.* ii. 219, 1829). *Curt. (G.* 178, 1831). *Step. H.* iv. 324, 1834.  
*Curt. (G.* 2 edit. 206, 1837). *Wood, I. E.* 217, t. 47, f. 1504. *West. & H. M.* ii. 240, t. 116, f. 38.

## K. CATOPTRIA.

*Catoptria*, Hüb. (*V.* 364, 1816).

## 21. CRAMBUS MARGARITELLUS. The Pearl-streak Veneer. B. M.

- Tinea margaritella*, Schiff. ? (*W. V.* 134, 1776). *Id.?* *Illig.* ii. 83, 1801. *Fab. M.* ii. 243, 1787. *Hüb. B.* ii. 28, 1787 ?  
*Gmel. S. Nat.* i. 5, 2590, 1788. *Vill. E. L.* iv. 537, 1789.

- Goetz. (*E. B.* iii. 128, 1783). *Fab. E. S.* iii. 2, 295, 1794.  
*Hüb. Ti.* t. 6, f. 39, 1800. *Schr. F. B.* ii, 2, 101, 1802.  
*Turt. Gn.* iii. 365, 1806. *Charp. Züns.* 103, 1821.  
*Crambus margaritaceus*, *Fab. E. S. Supp.* 470, 1799. *Curt.*  
 (*B. E.* iii. fo. 109, 1827).  
*Catoptria Eumargaritalis*, *Hüb.* (*V.* 365, 1816).  
*Chilo margaritellus*, *Zin. Som. Germ. M.* ii. 79, 1317. *Treit.*  
 (*E. S.* viii. 294, 1830). *Id.* ix. 1, 102, 1832.  
*Crambus margaritellus*, *Step. (Cat.* ii. 219, 1829). *Curt. (G.*  
 178, 1831). *Step. H.* iv. 325, t. 40, f. 3, 1834. *Dup. L. F.*  
 xii. 102, t. 272, f. 4, 1836. *Curt. (G. 2 edit.* 206, 1837).  
*Wood, I. E.* 217, t. 47, f. 1505, 1839. *West. & H. M.* ii.  
 t. 240, f. 116, 39, 1845. *Bert. Lep. Bon.* 191, 1844. *Zell.*  
 (*Isis*, 1838, p. . *Guen. (Mi.* 88, 1845). *Dup. (Cat.*  
 317, 1846). *Stain. (Cat. Tin.* 2, 1849).

## 22. CRAMBUS PINETELLUS. The Pearl Veneer.

B. M.

- Phalæna (Tinea) Pinella*, *Lin. S. Nat.* i. 539, 1758. *Clerck*,  
*I.* t. 4, f. 15, 1759.  
*Phalena (Tinea) Pinetella*, *Lin. F. S.* ii, 355, 1761. *Id. S.*  
*Nat.* i. 2, 886, 1764. *Müll. L. D. Pr.* 133, 1786. *Goetz.*  
*E. B.* iii. 358, 178 . *Gmel. S. N.* i, 5, 2589, 1788. *Vill.*  
*E. L.* ii. 849, 1789. *Don. Br. I.* viii. 27, t. 263, f. 1, 1799.  
*Stew. E. N. H.* ii. 97, 1802. *Turt. Gn.* iii. 364, 1806.  
*Phalæna (Tinea) virginella*, *Scop. ? E. C.* 246, 1763.  
*Tinea Pinetella*, *Fab. S. E.* 657, 1775. *Schiff. (W. V.* 134,  
 1776). *Fab. Sp. I.* ii. 292, 1781. *Knoch, B.* i. t. 4, f. 7,  
 1781. *Fab. M.* ii. 242, 1787. *Pz. F. G. i. t.* 22, 1792. *Fab.*  
*E. S.* iii. 2, 294, 1794. *Charp. ? Züns.* 104, 1821. *Treit.*  
*Heulf.* 393, 1834. *Reich. Schm.* 145, 1852.  
*Crambus Pineti*, *Fab. E. S. Supp.* 470, 1798. *Leach, (E. E.*  
*ix.* 135, 1815). *Sam. (I.* 13, 1818).  
*Palparia Pineti*, *Haw. L. B.* 487, 1812.  
*Tinea conchella*, *Hüb. Ti.* t. 5, f. 38, 1800. *Haw. (Pr.* 36,  
 1802).  
*Catoptria Pinetalis*, *Hüb. (V.* 365, 1816).  
*Chilo Pinetellus*, *Zin. Som. Germ. M.* ii. 72, 1817. *Treit. (E.*  
*S.* viii. 294, 1830). *Id.* ix. 1, 94, 1832.  
*Crambus Pinetellus*, *Step. (Cat.* ii. 219, 1829). *Curt. (G.*  
 178, 1831). *Step. H.* iv. 323, 1834. *Dup. L. F.* xii. 96, t.

271, f. 3, 1836. *Curt. (G. 2 edit. 206, 1837). Zell. Isis, 1838, p. . Evers. F. V. U. 545, 1844. Guen. (Mi. 89, 1845). Dup. (Cat. 316, 1846). Stain. (Cat. Tin. 2, 1849).*

23. CRAMBUS LATISTRIUS. The Broad-streak Veneer. B. M.

*Palparia latistria, Haw. L. B. 485, 1812.*

*Crambus latistrius, Curt. (B. E. iii. fo. 109, 1827). Step. (Cat. ii. 219, 1829). Curt. (G. 178, 1831). Id. (2 edit. 206, 1837). Wood, I. E. 217, t. 47, f. 1506. West. & H. M. ii. 237, t. 116, f. 17, 1845. Stain. (Cat. Tin. 2, 1849).*

*Chilo Leachellus, Zin. Som. Germ. M. iii. 114, 1818.*

*Crambus Leachellus, Dup. (Cat. 315, 1846).*

*Crambus Gueneellus, Dup. L. F. xii. , t. 283, f. 7, 1836. Guen. (Mi. 90, 1845). Dup. (Cat. 317, 1846).*

L. SELAGIA.

*Selagia, Hüb. V. 371, 1816.*

24. CRAMBUS PERLELLUS. The White Satin Veneer. B. M.

*Phalæna (Tinea) perlella, Scop. E. C. 243, 1763.*

*Tinea perlella, Schiff. (W. V. 134, 1776). Id. Illig. ii. 85, 1801. Knoch. P. B. i. 68, 1781. Goetz. E. B. iii. 142, 1783. Hüb. Ti. t. 6, f. 40, 1800. Schr. F. B. ii. 2, 102, 1802. Lasp. (Ill. M. iv. 17, 1804). Treit. Heulf. 395, 1834.*

*Selagia Perlalis, Hüb. (V. 371, 1816).*

*Chilo perlellus, Zin. Som. Germ. M. ii. 97, 1817. Treit. E. S. (viii. 295, 1830). Id. ix. 1, 129, 1832.*

*Crambus perlellus, Dup. L. F. xii. , t. 274, f. 2, 1836. Zell. Isis, 1838, p. . Guen. (Mi. 90, 1845). Dup. (Cat. 318, 1846). Stain. (Cat. Tin. 2, 1849).*

*Tinea argentella, Fab. P. M. 243, 1787. Id. P. E. S. iii. b. 296, 1794.*

*Crambus argenteus, Fab. E. S. Supp. 471, 1798.*

*Palparia argentea, Haw. L. B. 486, 1812.*

*Crambus argentellus*, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step.* *H.* iv. 319, 1834. *Curt.* (*G.* 2 edit. 206, 1837). *Wood*, *I. E.* 215, t. 47, f. 1488. *West. & H. M.* ii. 236, t. 116, f. 4.

Var. *a.* *Tinea dealbella*, *Thun. Diss.* (*Wenner*), 84, 1794.

*Crambus dealbellus*, *Step.* (*Cat.* ii. 218, 1829). *Id.* *H.* iv. 819, 1834. *Wood*, *I. E.* 215, t. 47, f. 1489. *West. & H. M.* ii. 236, t. 116, f. 5.

Var. *b.* *Palparia arbustea*, *Haw. L. B.* 486, 1812. Yellow Satin Veneer.

*Crambus Arborum*, *Sam.* (*I.* 13, 1818).

*Crambus Arbustorum*, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step.* *H.* iv. 319, 1834. *Curt.* (*G.* 2 edit. 206, 1837). *Wood*, *I. E.* 214, t. 47, f. 1487. *West. & H. M.* ii. 235, f. 116, f. 3.

Var. *c.* *Palparia argyrea*, *Haw. L. B.* 486, 1812.

*Crambus argyreus*, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step.* *H.* iv. 318, 1834. *Curt.* (*G.* 2 edit. 206, 1837). *Wood*, *I. E.* 214, t. 47, f. 1486. *West. & H. M.* ii. 235, t. 116, f. 2.

B. M.

25. *CRAMBUS WARRINGTONELLUS*. The Streaked Satin Veneer.

*Crambus Warringtonellus*, *Stain.* (*Cat. Ti.* 2, 1849). *Zell.*

*Crambus Lythargyrellus*, *Step.* (*Cat.* ii. 217, 1829). *Id.* *H.* iv. 318, 1834. *Curt.* *P* (*G.* 178, 1831). *Id.* *P* (2 edit. 206, 1837). *Wood*, *I. E.* 214, t. 47, f. 1485, 183. *West. & H. M.* ii. 235, t. 116, f. 1.

*Crambus perlellus*, var. *A.* *Guen.* *P* (*Mi.* 90, 1845).

26. *CRAMBUS LITHARGYRELLUS*. The Brown Satin Veneer

*Tinea lithargyrella*, *Hüb. Ti.* t. 33, f. 227, 1800.

*Selagia Lithargyralis*, *Hüb. P* (*V.* 371, 1816).

*Chilo lithargyrellus*, *Zin. Som. Germ. M.* ii. 99, 1817. *Treit.* (*E. S.* viii. 295, 1830). *Id.* ix. 1, 128, 1832.

*Crambus lithargyrellus*, *Dup. L. F.* xii. 116, t. 274, f. 3, ♀, 1836. *Zell. Isis*, 1838, p. *Evers. F. V. U.* 547, 1844. *Guen.* (*Mi.* 90, 1845). *Dup.* (*Cat.* 318, 1846). *Step.* (*Zool.* viii. 2958, 1850). *Stain.* (*Cat. Tin. Supp.* 1, 1851).

*Crambus deceptor*, *Step. MSS.*

## Sub-Family V. CHILIDI.

Chilidi, *Guen.* (*Mi.* 86, 1845).  
 Schænobidæ, *Dup. C.* 311, 1844.  
 Crambiden, p., *Zell. Isis*, 1839.

## 94, (450). SCHÆNOBIUS.

Schænobius, *Dup. C.* 312, (1844). *Guen.* (*Mi.* 95).  
 Chilo, A. *Zin. Som. Germ. M.* ii. . 1817. *Step. (Cat.*  
*ii.* 221, 1829). *Stain. (Cat. Tin.* 1, 1849).  
 Lithosia, p., *Fab. E. S. Supp.* 460, 1798.  
 Crambus, p., *Fab. E. S. Supp.* 473, 1798.  
 Palparia, p., *Haw. L. B.* 482, 1812.  
 Erioproctus, *Zell. Isis*, 1839, p.  
 Topeutis, p., *Hüb. V.* 366, 1816.

## 1. SCHÆNOBIUS MUCRONELLUS. The Dark Hooktip Veneer.

- Pbalæna* (*Tinea*) *mucronella*, *Scop. C.* 250, 1763. *Goetz. E.*  
*B.* iii. 145, 1783. *Vill. E. L.* iv. 538, 1789.  
*Tinea mucronella*, *Schiff. ? (W. V.* 136, 1776).  
*Chilo mucronellus*, *Charp. Züüs.* 122, 1821. *Zin. Som. Germ.*  
*Mag.* iv. 257, 1821. *Treit. (E. S.* viii. 293, 1830). *Id.* ix.  
 1, 67, 1834. *Fisch.-v.-R. Mi.* t. 17, f. 2, 1835. *Evers. F.*  
*V. U.* 541, 1844. *Stain. (Cat. Tin.* 1, 1849).  
*Crambus mucronatus*, *Fab. ? E. S. Supp.* 473, 1798.  
*Schænobius mucronellus*, *Dup. L. F.* xii. 265, t. 283, f. 1, a.  
 ♂, b. ♀, 1836. *Guen. (Mi.* 95, 1845). *Dup. (Cat.* 313,  
 1846).  
*Erioproctus mucronellus*, *Zell. Isis*, 1838, p.  
 ♀ *Tinea acuminella*, *Hüb. Ti.* t. 41, f. 284, 1800.  
*Chilo acuminellus*, *Ahr. F. E.* iii. t. 17, 1815. *Zin. Som.*  
*Germ. M.* ii. 42, 1817.  
*Topeutis Acuminalis*, *Hüb. (V.* 366, 1816).  
*Chilo caudellus*, *Curt. ? (B. E.* xvi. fo. 727, 1839).

## 2. SCHÆNOBIUS FORFICELLUS. The Pale Hooktip Veneer. B. M.

*Tinea forficella*, *Thun. Diss. (Wenner)*, 85, t. adj. f. 4, 1794.  
*Charp. Züins.* 123, 1821.

*Chilo forficellus*, *Zin. Som. Germ. M.* iv. 257, 1821. *Step.*  
*(Cat. ii. 221, 1829).* *Treit. E. S.* ix. 1, 65, 1834. *Curt.*  
*(G. 177, 1831).* *Fisch.-v.-R.* t. 17, f. 1, 1835. *Curt.*  
*(G. 2 edit. 205, 1837).* *Evers. F. V. U.* 540, 1844. *Stain.*  
*(Cat. Tin. 1, 1849).*

*Schænobius forficellus*, *Dup. L. F.* xii. 29, t. 268, f. 1, a. ♂,  
 b. ♀, 1835. *Guen. (Mi. 95, 1845).* *Dup. (Cat. 312, 1846).*

*Erioproctus forficellus*, *Zell. Isis*, 1838, p.

♂ *Tinea consortellus*, *Hüb. Ti.* t. 32, f. 220, 1800.

*Palparia consorta*, *Haw. Lep. B.* 483, 1812. The Aquatic Veneer.

*Crambus consorta*, *Sam. (I. 13, 1818).*

*Chilo mucronellus*, *Zin. Som. Germ. M.* ii. 39, 1817.

*Chilo forficellus*, *Step. H.* iv. 331, 1834. *Wood, I. E.* 219,  
 t. 48, f. 1523, 183. *Curt. (G. 2 edit. 205, 1837).* *Curt.*  
*(B. E. xvi. fo. 727, 1839).*

*Topeutis Mucronalis*, *Hüb. (V. 366, 1816).*

♀ *Tinea lanceolella*, *Hüb. Ti.* t. 43, f. 296, 1812.

*Topeutis Lanceolalis*, *Hüb. (V. 366, 1816).*

*Chilo lanceolellus*, *Curt. B. E.* xvi. t. 727, 1839.

Var. a. ♂. *Palparia hirta*, *Haw. L. B.* 483, 1812. Hairy-horned Veneer.

Var. b. ♂. *Palparia fumea*, *Haw. L. B.* 483, 1812. Smoky Veneer.

*Chilo fumeus*, *Step. (Cat. ii. 221, 1829).* *Curt. (G. 177, 1829).*  
*Step. H.* iv. 331, 1834. *Wood, I. E.* 220, t. 48, f. 1524.  
*Curt. (G. 2 edit. 205, 1837).* *Curt. (B. E. xvi. fo. 727, 1839).*

Var. ♀. *Palparia caudea*, *Haw. L. B.* 483, 1812.

*Crambus caudeus*, *Sam. (I. 13, 1818).*

*Chilo caudellus*, *Step. (Cat. ii. 221, 1829).* *Curt. ? (G. 177, 1831).*  
*Step. H.* iv. 332, 1834. *Wood, I. E.* 220, t. 48, f. 1528.  
*Curt. ? (G. 2 edit. 205, 1837).*

## 3. SCHÆNOBIUS GIGANTELLUS. The Gigantic Veneer. B. M.

*Tinea gigantella*, *Schiff. (W. V. 135, 1776).* *Id. Illig.* ii.  
 88, 1801. *Fab. M.* ii. 240, 1787. *Goëtz. E. B.* iii. 130.

- Fab. E. S.* iii. 2, 288, 1794. *Hüb. Ti.* t. 8, f. 53, 1800.  
*Charp. Züins.* 113, 1821.  
*Phalæna* (*Tinea*) *gigantella*, *Gmel. S. N.* i. 5, 2585, 1788.  
*Vill. E. L.* iv. 534, 1789. *Turt. Gm.* iii. 361, 1806.  
*Topeutis Gigantalis*, *Hüb. (V.* 366, 1816).  
*Chilo gigantellus*, *Zin. Som. Germ. M.* ii. 38, 1817. *Step.*  
*(Cat. ii.* 221, 1829). *Curt. (G.* 177, 1831). *Treit. E. S.*  
 viii. 293, 1830. *Id.* ix. 1, 62, 1832. *Dup. L. F.* xii. 24,  
 t. 267, f. 2, a. ♂, b. ♀, 1835. *Fisch.-v.-R.* , t. 16, ,  
 1835. *Curt. (G.* 2 edit. 205), 1837. *Curt. (B. E.* xvi. fo.  
 727, 1839). *Zell. Isis*, 1839, p. . *Evers. F. V. U.* 540,  
 1844. *Stain. (Cat. Tin.* 1, 1851).  
*Schænobius gigantellus*, *Guen. (Mi.* 95, 1845). *Dup. (Cat.*  
 312, 1846).  
*Palparia gigantella*, *Haw. L. B.* 482, 1812.  
*Crambus giganteus*, *Sam. (I.* 13, 1818).  
*Lithosia convoluta*, *Fab. E. S. Supp.* 460, 1798.  
 ♂ *Chilo punctigerellus*, *Step. (Cat. ii.* 221, 1829). *Step. H.* iv.  
 332, 1834. *Curt. (G.* 2 edit. 205, 1837). *Wood, I. E.* 220,  
 t. 48, f. 1525, 183 . *Curt. (B. E.* xvi. fo. 727, 1839). *West.*  
 & *H. M.* ii. 241, t. 117, f. 3.

## 95, (451). CHILO.

- Chilo*, *Zin. Som. Germ. M.* ii. . 1817. *Step. (Cat. ii.*  
 221, 1829). *Treit. (E. S.* viii. 293, 1830). *Dup. L. F.*  
 xii. , 1836. *Zell. Isis*, 1839. *Guen. (Mi.* 95, 1845).  
*Stain. (Cat. Tin.* 1, 1849).  
*Palparia*, p., *Haw. L. B.* 483, 1812.  
*Topeutis*, p., *Hüb. (V.* 366, 1816).

## 1. CHILO PHRAGMITELLUS. The Wainscot Veneer.

B. M.

- Tinea Phragmitella*, *Hüb. Ti.* t. 43, f. 297, ♂, f. 298, ♀,  
 1812.  
*Topeutis Phragmitalis*, *Hüb. P (V.* 366, 1816).  
*Chilo Phragmitellus*, *Zin. Som. Germ. M.* ii. 36, 1817. *Step.*  
*(Cat. ii.* 221, 1829). *Treit. (E. S.* viii. 293, 1830). *Id.* ix.  
 1, 63, 1832. *Curt. (G.* 177, 1831). *Step. H.* iv. 332, 1834.  
*Fisch.-v.-R.* , t. 18, f. 1, 1835. *Dup. L. F.* xii. 34, t. 268,



- f. 2, a. ♂, b. ♀, 1835. *Wood, I. E.* 220, t. 48, f. 1526.  
*West. & H. M.* ii. 241, t. 117, f. 4. *Curt. (B. E.* xvi. fo.  
 727, 1839). *Zell. Isis*, 1838, p. . *Guen. (Mi.* 95, 1845).  
*Dup. (Cat.* 313, 1844). *Stain. (Cat. Tin.* 1, 1849).  
 ♂ *Palparia rhombea*, *Haw. L. B.* 483, 1812.  
 ♀ *Palparia gigantea*, *Haw. L. B.* 483, 1812.  
*Chilo gigantellus*, p., *Step. (Cat.* ii. 221, 1829). *Curt. (G.* 177,  
 1831). *Step. H.* iv. 332, 1834. *Wood, I. E.* 220, t. 48, f.  
 1527. *West. & H. M.* ii. 241, t. 117, f. 5.  
*Crambus gigantellus*, *Sam. (I.* 13, 1818).

## 2. CHILO CICATRICELLUS. The Striped Wainscot Veneer.

- Tinea cicatricella*, *Hüb. Ti.* t. 68, f. 455. *Fisch.-v.-R. t.* .  
 . *Chilo strigellus*, var., *Treit. E. S.* ix. 2, 267, 1833.  
*Chilo cicatricellus*, *Treit. E. S.* x. 3, 161, 1835. *Guen. (Mi.*  
 95, 1845). *Dup. (Cat.* 313, 1844).  
*Tinea Treitschkeella*, *Frey. H. B.* ii. 70, t. 138.  
*Chilo amplellus*, *Zell. Isis*, , p.  
 ♀ *Tinea amplella*, *Hüb. ? Ti.* f. 300.  
*Topeutis Amplalis*, *Hüb. ? (V.* 366, 1816).

## REPUTED BRITISH SPECIES.

---

### \*3. NEPHOPTERYX? RHENELLA.\*

Phycis Rhenella, *Zin. Som. Germ. M.* iii. 166, 1818. *Treit. E. S.* ix. 1, 175, 1832. *Dup. L. F.* xii. 210, t. 280, f. 1, a. 1836. (*C.* 323, 1844).

Nephoptyx Rhenalis, *Hüb. (V.* 370, 1816).

Nephoptyx Rhenella, *Zell. (Isis,* 1839, p. 179. *Id.* 1846, p.

*Tinea Rhenella, Mus. Schiff. Charp. Züns.* 178, 1818.

Phycita Rhenella, *Step. (Cat.* ii. 215, 1829).

*Tinea palumbella, Hüb. Ti.* t. 10, f. 70, 1800.

Phycis palumbea, *Haw. L. B.* 494, 1812.

Phycita palumbea, *Curt. (B. E.* v. fo. 223, 1829).

*Rhodophæa rhenella, Guen. (Mi.* 75, 1845).

(*Haw. l. c.* 1812!)

Austria.

### B. SELAGIA.

*Selagia, p., Hüb. V.* 371, 1816.

*Nephoptyx, p., Zell. Isis,* 1839.

### \*2. EURHODOPE ARGYRELLA.

*Tinea argyrella, Schiff. (W. V.* 135, 1776). *Id. Illig.* ii. 89, 1801. *Fab. M.* ii. 242, 1787. *Goetz. E. B.* iii. 130, 1783.

- Fab. E. S.* iii. b. 294, 1794. *Hüb. Ti.* t. 10, f. 64, 1800.  
*Charp. Züns.* 113, 1821. *Treit. Heulf.* 396, 1834.  
*Phalæna* (Tinea) *argyrella*, *Gmel. S. Nat.* i. 5, 2589, 1788.  
*Vill. E. L.* iv. 536, 1789. *Turt. P. Gm.* iii. 364, 1806.  
*Crambus argyreus*, *Fab. E. S. Supp.* 471, 1798.  
*Selagia Argyralis*, *Hüb. (V.* 371, 1816).  
*Phycis argyrella*, *Zin. Som. Germ. M.* iii. 124, 1817. *Treit.*  
*(E. S.* viii. 296, 1830). *Id.* ix. i. 152, 1832.  
*Plythia argyrella*, *Dup. L. F.* xii. 154, t. 276, f. 5, 1836. *Guen.*  
*(Mi.* 83, 1845). *Dup. Cat.* 320, 1846.  
*Nephopteryx argyrella*, *Zell. Isis*, 1839, p. 179.

(*Haw. L. B.* 486, 1812!).

Hungary; S. E. France.

#### 6 a. PEMPELIA STIGMATELLA.\*

- Phycita stigmatella*, *Bentley; West. & H. M.* ii. 231, t. 115,  
 f. 22, 1845.

(*West. & H. M. l. c.* 1845!)

N. America?

#### 2 a. ACROBASIS? CRISTELLA.\*

- Tinea cristella*, *Hüb. Ti.* t. 11, f. 76, 1800. *Haw. (Pr.* 36,  
 1802). *Treit. (E. S.* viii. 296, 1830). *Id.* ix. 1, 183, 1832.  
*Phycis cristella*, *Zin. Som. Germ. M.* iii. 152, 1818. *Evers.*  
*F. V. U.* 559, 1844.  
*Nephopterix Cristalis*, *Hüb. (V.* 370, 1816).  
*(Phycis cristeæ, Haw. L. B.* 492, 1812).  
*Pempelia cristella*, *Guen. (Mi.* 76, 1845).

(*Haw. l. c.* 1802!)

France and Austria.

#### 1 a. MYELOIS LEGATELLA.\*

- Tinea legatella*, *Hüb. Ti.* t. 11, f. 71, 1800. *Haw. (Pr.* 36,  
 1802).  
*Zophodia Legatalis*, *Hüb. (V.* 370, 1816).  
*Phycita legatella*, *Step. (Cat.* ii. 216, 1829).

*Phycis legatella*, *Zin. Som. Germ. Mag.* iii. 149, 1818, *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 189, 1832. *Evers. F. V.* U. 558, 1844.

*Phycis squalidella*, *Evers. Bull. S. I. M.* iii. 564, 1842.

*Myelois legatella*, *Zell. (Isis, 1839, p. 177).* *Id.* 1846, p.

*Rhodophæa legatella*, *Guen. (Mi. 75, 1845).*

(*Haw. l. c.* 1802!)

Hungary; Austria.

### 5. HOMÆOSOMA BINÆVELLA.\*

*Tinea binævella*, *Hüb. Ti. t.* 57, f. 383, 1814.

*Nephopterix Binævalis*, *Hüb. (V. 370, 1816).*

*Phycis binævella*, *Zin. Som. Germ. M.* iii. 156, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 168, 1832. *Evers. F. V.* U. 554, 1844.

(*Phycita binævella*, *Step. H.* iv. 303, 1834).

*Lotria binævella*, *Guen. Mi.* 83, 1845.

(*Step. l. c.* 1834!)

Central France and Russia.

### 3. EPHESTIA FICELLA.\*

*Ephestia Ficella*, *Doug. (Tr. Ent. Soc. 2 ser. 1, 174, 18 )*.

(*Doug. l. c. supra* 18 )

Dried Figs in London Warehouses—Locality?

### 2. HYPOCHALOEIA LIGNELLA.\*

*Tinea lignella*, *Hüb. Ti. t.* 9, f. 87, 1800.

*Chilo lignellus*, *Zin. Som. Germ. M.* ii. 105, 1817. *Treit. (E. S.* viii. 295, 1839).

*Phycis lignella*, *Treit. E. S.* ix. 1, 141, 1832. *Dup. (Cat. 322, 1844).*

*Oncocera lignella*, *Guen. (Mi. 72, 1845).*

*Anerastia Lignalis*, *Hüb. (V. 367, 1816).*

(*Haw. L. B.* 486, 1812!)

Austria.

## 2. MELISSOBLAPTES ANELLUS.\*

*Tinea anella*, Schiff. (*W. V.* 135, 1776). *Id. Illig.* ii. 91, 1801. *Fab. M.* ii. 244, 1787. *Id. E. S.* iii. 2, 299, 1794. *Charp. Züns.* 116, 1821.

*Phalæna (Tinea) anella*, Vill. *E. L.* iv. 538, 1789. *Goetz. E. B.* iii. 130, 1783.

*Tinea sociella*, Hüb. *Ti.* t. 4, f. 24, 1800.

*Pempelia Colacalis*, Hül. (*V.* 369, 1816).

*Melissoblaptes anellus*, Zell. *Isis*, 1848, p.

*Galleria anella*, Dup. *L. F.* xii. 261, t. 282, f. 7, ♂, 1836. *Evers. F. V. U.* 538, 1844. *H.-Schæff. Ti.* t. 21, f. 51.

*Melia anella*, Guen.<sup>p</sup> (*Mi.* 71, 1845).

*Ilythia anella*, Wood, *I. E.* 207, t. 46, f. 1437, 1838. *West. & H. M.* ii. 235, t. 114, f. 28, 1845.

(*Step. Cat.* ii. 213, 1829!).

Germany; South France.

## PRIONAPTERYX.

*Prionapteryx*, *Step. H.* iv. 316, 1834. *West. & H. M.* ii. 234, 1845.

## 1. PRIONAPTERYX NEBULIFERA. The Clouded Veneer.

*Prionapteryx nebulifera*, *Step. H.* iv. 317, 1834. *Wood, I. E.* 214, t. 47, f. 1484. *Curt. G.* 2 edit. 207, 1837. *West. & H. M.* ii. 234, t. 115, f. 42, 1845.

Locality?

## 3 b. CRAMBUS INTERVIBRELLUS.

*Crambus tentaculellus*, *Wood, I. E.* 215, t. 47, f. 1490, 1836. *West. & H. M.* ii. 236, t. 116, f. 6, 1845.

*Crambus intervibrellus*, ———? *Doub. Zool.* v. 1729, 1847.

(*Curt. B. E.* iii. fo. 109, locality, 1827!)

America?

## 12 a. CRAMBUS LUTEELLUS.

*Tinea luteella*, Schiff. (*W. V.* 134, 1776). *Id. Illig.* ii. 86, 1801. *Goetz. E. B.* iii. 129, 1783. *Charp. Züns.* 108, 1821.

*Tinea ochrella*, Hüb. *Ti.* t. 8, f. 55, 1800.

*Chilo ochrellus*, Zin. *Som. Germ. M.* ii. 100, 1817.

*Chilo luteellus*, Treit. *E. S.* ix. 1, 125, 1832. *Zett. Ins. Lap.* 995, 1840.

*Crambus luteellus*, Dup. *L. F.* xii. 111, t. 274, f. 1, a—d. 1836. *Zell. Isis*, 1838, p. . *Guen. (Mi.* 91, 1845). *Dup. (Cat.* 317, 1846.

*Pediasia Lutealis*, Hüb. (*V.* 365, 1816).

♀ *Tinea convolutella*, Schiff. (*W. V.* . 1776. *Id. Illig.* ii. 1801.

*Exoria convolutalis*, Hüb. (*V.* 467, 1816).

*Tinea exoletella*, Hüb. *Ti.* t. 7. f. 48, 1800.

(*Step. Cat.* ii. 220, 1829!) Austria, Germany and Central France.

## 13 a. CRAMBUS COMBINELLUS.

*Tinea combinella*, Schiff. (*W. V.* 319, 1776). *Id. Illig.* ii. 82, 1801. *Charp. Züns.* 103, 1821.

*Chilo combinellus* Zin. *Som. Germ. M.* ii. 45, 1817. *Treit. E. S.* ix. 1, 123, 1834.

*Tinea petrificella*, Hüb. *Ti.* t. 7, f. 47, 1800.

*Palparia petrificella*, Haw. *L. B.* 485, 1812.

*Chilo petrificellus*, Zin. *Som. Germ. M.* ii. 94, 1817.

*Crambus combinellus*, Guen. (*Mi.* 92, 1845).

*Exoria Combinalis*, Hüb. (*V.* 367, 1816).

(*Haw. l. c.* 1812!)

Austria.

## 18 a. CRAMBUS DELIELLUS.

*Tinea deliella*, Hüb. *Ti.* t. 60, f. 402, ♂, f. 403, ♀, 1814.

*Agriphila Delialis*, Hüb. (*V.* 365, 1816).

*Chilo deliellus*, Zin. *Som. Germ. M.* ii. 96, 1817. *Treit. (E. S.* 295, 1830). *Id.* ix. 1, 117, 1832.

*Crambus deliellus*, *Zell. Isis*, 18 , p. . *Guen. (Mi. 91, 1845). Dup. (Cat. 317, 1846).*

*Crambus nigristriellus*, *Step. Cat. ii. 221, (1829).*

(*Step. Cat. ii. 221, 1829).*

Germany and Hungary.

## I. EUCARPHIA.

*Eucarphia. Hüb. (V. 364, 1816.*

### 18 b. CRAMBUS RADIELLUS.

*Tinea radiella, Hüb. Ti. t. 47, f. 325, 1800.*

*Eucarphia Radialis, Hüb. (V. 364, 1816).*

*Chilo radiellus, Zin. Som. Germ. M. ii. 83, 1817. Treit. (E. S. viii. 294, 1830). Id. ix. 1, 108, 1832.*

*Crambus radiellus, Dup. L. F. xii. ? 100, t. 272, f. 1, 1834.*

*Zell. Isis, 1838, p. . Guen. (Mi. 90, 1845). Dup. (Cat. 317, 1846).*

(*Curt. B. E. iii. fo. 109, 1827).*

Alpine Europe.

---

LONDON :

Printed by Edward Newman, 9, Devonshire Street, Bishopsgate.

## SYNOPSIS OF SPECIES.

---

(Species marked with an asterisk are *reputed* to be indigenous).

---

### § MICRO-LEPIDOPTERA.—CRAMBIDÆ.

#### Eudorea

Cembræ  
ambigualis  
Pyralella  
truncicolella  
cratægella  
Portlandica  
frequentella  
resinea  
murana  
lineola  
angustea  
alpina  
pallida

#### Nephopteryx

Abietella  
Roborella  
\* Rhenella

#### Eurhodope

carnella  
\* argyrella

#### Pempelia

ornatella  
dilutella  
hostilis  
fusca

#### Pempelia

Betulæ  
\* stigmatella  
formosa  
palumbella

#### Acrobasis

consociella  
\* cristella  
tumidana  
angustella

#### Myelophila

cribrum

#### Myelois

\* legatella  
suavella  
marmorea  
advenella  
Ceratoniella  
pinguis  
Artemisiella

#### Homœosoma

sinuella  
nebulella  
nimbella  
eluviella  
\* binævella



|                       |  |                   |  |
|-----------------------|--|-------------------|--|
| <b>Cryptoblabes</b>   |  | <b>Crambus</b>    |  |
| bistriga              |  | tentaculellus     |  |
| <b>Gymnancyla</b>     |  | pratellus         |  |
| canella               |  | dumetellus        |  |
| <b>Ephestia</b>       |  | ericellus         |  |
| elutella              |  | sylvellus         |  |
| semirufa              |  | hamellus          |  |
| * Ficella             |  | pascuellus        |  |
| <b>Plodia</b>         |  | uliginosellus     |  |
| interpunctella        |  | * luteellus       |  |
| <b>Hypochalcia</b>    |  | hortuellus        |  |
| ahenella              |  | * combinellus     |  |
| * lignella            |  | culmellus         |  |
| <b>Araxes</b>         |  | pedrioellus       |  |
| lotella               |  | inquinatellus     |  |
| Farrella              |  | geniculeus        |  |
| <b>Achroia</b>        |  | aridellus         |  |
| grisella              |  | * deliellus       |  |
| <b>Galleria</b>       |  | selasellus        |  |
| mellonella            |  | * radiellus       |  |
| <b>Aphomia</b>        |  | tristellus        |  |
| sociella              |  | furcatellus       |  |
| <b>Melissoblastes</b> |  | margaritellus     |  |
| bipunctanus           |  | Pinetellus        |  |
| * anellus             |  | latistrius        |  |
| * Prionapteryx        |  | perlellus         |  |
| * nebulifera          |  | Warringtonellus   |  |
| <b>Platytes</b>       |  | lithargyrellus    |  |
| Cerussellus           |  | <b>Schœnobius</b> |  |
| <b>Eromene</b>        |  | mucronellus       |  |
| ocellea               |  | forficellus       |  |
| <b>Crambus</b>        |  | gigantellus       |  |
| rorellus              |  | <b>Chilo</b>      |  |
| chrysonuchellus       |  | phragmitellus     |  |
| falsellus             |  | cicatricellus     |  |
| * intervibrellus      |  |                   |  |

## ERRATA.

Page 17, *for artemesiella read artemisiella.*  
 „ 132, *for tentaculella read tentaculellus.*

CATALOGUE  
OF  
BRITISH MICRO-LEPIDOPTERA. § III.

Order LEPIDOPTERA.

(§ MICRO-LEPIDOPTERA).

Sub-Div. TINEINA.

*Tincina*, *Sta. I. B. Lep. Tin.* p. 7, 1854.

*Tineæcea*, *Zell. Isis*, 1839, p. 180.

*Yponomeutidæ et Tineidæ*, p., *Step. H.* iv. 196, 292, 1834.

Fam. I. EXAPATIDÆ.

*Exapatidæ*, *Sta. I. B. Lep. Tin.* p. 11, 1854.

1, (96, 452). EXAPATE.

*Exapate*, *Hüb. V.* 387, 1817.

*Cheimaphasia*, *Curt. Ent. Mag.* i. 191, 1833.

*Oxypate*, *Step. H.* iv. 235, 1834.

- Cheimonophila, *Dup. L. F.* xi. 53, 1838.  
 Diurnea, p., *Haw. L. B.* 501, 1812.  
 Lemmatophila, p., *Treit. E. S.* ix. 1, 25, 1832.  
 Exapate, p., *Zell. Isis*, 1839, p. 181.  
 Cheimonophila, p., *Dup. Cat.* 331, 1844.

## 1. EXAPATE GELATELLA.

B. M.

- Phalæna (Tinea) gelatella, *Lin. F. S.* 1450, 1761. *Id. S. Nat.* (12) 883, 344, 1767. *Gmel. S. Nat.* i. 5, 2585, 344, 1788. *Vill. E. L.* ii. 439, 793, 1789.  
 Tinea gelatella, *W. V.* 144, 38, 1776. *Fab. S. I.* ii. 290, 5, 1781. *Id. Man.* ii. 240, 7, 1787. *Id. E. S.* iii. 2, 289, 11, 1794. *Goëze, E. B.* iii. 4, 76, 344, 1783. *Roemer, G. I.* 22, pl. 23, f. 21, 22, 1789. *Illig. (W. V.)* ii. 124, 1801. *Turt. S. N.* iii. 2, 362, 1806. *Hüb. Larvæ*, iii. *Charp. (W. V.)* 168. *Z. g. S.* 231, 1821.  
 Lemmatophila gelatella, *Treit. E. S.* ix. 1, 34, 1832, x. 3, 153, 1835. *Frey. N. B.* i. 95, pl. 150, f. 2, 1836. *Evers. F. V. U.* 536, 1844.  
 Cheimaphasia gelatella, *Curt. Ent. Mag.* i. 191, 1833.  
 Oxybate gelatella, *Step. H.* iv. 235, 1834.  
 Cheimonophila gelatella, *Dup. L. F.* xi. 55, pl. 287, f. 8, 9, 1838.  
 Exapate gelatella, *Lienig, Isis*, 1846, p. 268.  
 Tortrix gelatana, *Hüb.* 266, 1810?  
 Diurnea gelata, *Haw. L. B.* 502, 1812.  
 Tinea congelatella, \**Clerck, I.* pl. viii. f. 5, 1759.  
 Tinea paradoxa, *Sulzer, Abg. Gesch.* pl. 23, f. 21, 22, 1776. *Wood, I. E.* f. 1270.

## 2, (97, 453). DASYSTOMA.

- Dasystoma, *Curt. Ent. Mag.* i. 190, 1833. *Step. H.* iv. 235, 1834.  
 Diurnea, p., *Haw. L. B.* 501, 1812.  
 Cheimophila, p., *Hüb. V.* 402, 1817.  
 Lemmatophila, p., *Treit. E. S.* ix. 1, 25, 1832. *Dup. L. F.* xi. 45, 1838. *Dup. Cat.* 331, 1844.  
 Exapate, p., *Zell. Isis*, 1839, p. 181.

## 1. DASYSTOMA SALICELLA.

B. M.

*Tinea Salicella*, *Hüb.* 9, 1801.

*Lemmatophila Salicella*, *Treit. E. S.* ix. 1, 33, 1832, x. 3, 153, 1835. *Frey. N. B.* ii. 95, pl. 150, f. 1, 1836. *Dup. L. F.* xi. 51, pl. 287, f. 7, 1838. *Evers. F. V. U.* 536, 1844.

*Dasytoma Salicella*, *Curt. Ent. Mag.* i. 190, 1833. *Step. H.* iv. 236, 1834.

*Exapate Salicella*, *Lienig, Isis*, 1846, p. 268.

*Diurnea Salicis*, *Haw. L. B.* 504, 1812.

*Wood, I. E.* f. 1271.

## 3, (98, 454). CHIMABACCHE.

*Chimabacche*, *Zell. Isis*, 1839, p. 181.

*Diurnea*, *Curt. B. E.* fo. 743, 1839.

*Diurnea*, p., *Haw. L. B.* 501, 1812.

*Lemmatophila*, p., *Treit. E. S.* ix. 1, 25, 1832.

*Chimabacche*, p. et *Cheimophila*, p., *Hüb. V.* 402, 1817.

*Cheimophila* et *Diurnea*, *Step. H.* iv. 236, 237, 1834.

*Diurnea* et *Lemmatophila*, p., *Dup. L. F.* xi. 38, 46, 1838.

*Dup. Cat.* 330, 331, 1844.

## 1. CHIMABACCHE PHRYGANELLA.

B. M.

*Tinea phryganella*, *Hüb.* 10, 1801.

♂ *Diurnea phryganella*, *Haw. L. B.* 503, 1812.

*Lemmatophila phryganella*, *Treit. E. S.* ix. 1, 32, 1832, x. 3, 153, 1835. *Dup. L. F.* xi. 47, pl. 287, f. 5, 1838.

♂ *Cheimophila phryganella*, *Step. H.* iv. 237, 1834.

*Chimabacche phryganella*, *Lienig, Isis*, 1846, 269.

♀ *Diurnea Novembris*, *Haw. L. B.* 502, 1812. *Step. H.* iv. 238, 1834. *Curt. B. E.* fo. 743, 1839.

*Tinea lipsiella*, *Charp. (W. V.)* 136. *Z. g. S.* 188, 1821.

? *Tinea lipsiella*, *W. V.* 138, 24, 1776. *Illig. (W. V.)* ii. 104, 1801.

? *Ypsolophus autumnalis*, *Fab. E. S. Supp.* 509, 22, 1798.

*Wood, I. E.* f. 1272, ♂, 1274, ♀.

## 2. CHIMABACCHE FAGELLA.

B. M.

*Tinea Fagella*, *W. V.* 135, 34, 1776. *Goëze, E. B.* iii. 4, 130, 36, 1783. *Fab. Man.* ii. 245, 42, 1787. *Id. E. S.* iii. 2, 300, 57, 1794. *Wenner, (Thun.) I. S.* vii. 93, 1794. *Hüb.* 12, 1801. *Hüb. Larvæ*, iii. *Illig. W. V.* ii. 91, 1801. *Turt. S. N.* iii. 2, 367, 1806. *Charp. (W. V.)* 118. *Z. g. S.* 155, 1821.

*Phalæna (Tinea) Fagella*, *Gmel. S. Nat.* i. 5, 2592, 1222, 1788. *Vill. E. L.* ii. 539, 1789.

*Lemmatophila Fagella*, *Treit. E. S.* ix. 1, 26, 1832. *Id. Heulfs.* 391, 1834. *Zell. Isis*, 1838, p. 680.

*Diuræa Fagella*, *Step. H.* iv. 237, 1834. *Dup. L. F.* xi. 40, pl. 287, f. 1, 2, 1838. *Curt. B. E.* fo. 743, 1839. *Bert. L. Bon.* 197, 1844.

*Crambus Fagi*, *Fab. E. S. Supp.* 473, 56, 1798.

*Diuræa Fagi*, *Haw. L. B.* 501, 1812.

Var. *Diuræa Dormoyella*, *Dup. L. F.* xi. 44, pl. 287, f. 3, 4, 1838.

*Wood, I. E.* f. 1273.

? *Kuhn, Naturf.* xvi. 78—81, 1781.

## Fam. II. TINEIDÆ.

*Tineidæ*, *Sta. I. B. Lep. Tin.* p. 16, 1854.

## 1, (99, 455). TALÆPORIA.

*Talæporia*, *Zell. L. E.* vii. 331, 336, 1852.

*Cochleophasia*, *Curt. B. E.* fo. 487, 1834. *Step. H.* iv. 232, 1834.

*Talæporia*, p., *Hüb. V.* 400, 1817.

*Talæporia*, p., *Zell. Isis*, 1839, p. 182.

*Solenobia*, p., *Dup. Cat.* 358, 1844.

## 1. TALÆPORIA PUBICORNIS.

*Capillaria pubicornis*, *Haw. L. B.* 523, 1829.

*Cochleophasia pubicornis*, *Curt. B. E.* fo. 487, 1834.

*Talæporia pubicornis*, *Sta. Cat.* p. 6, 1849. *Zell. L. E.* vii. 336, 1852.

? *Cochleophasia pubicornis*, *Step. H.* iv. 233, 1834.

## 2. TALÆPORIA PSEUDO-BOMBYCELLA.

B. M.

*Tinea pseudo-bombycella*, *Hüb.* 212, 382, 1801, 1816. *Z. g. S. Germ. Mag.* i. 36, 1813.

*Psyche pseudo-bombycella*, *Treit. E. S.* x. 1, 169, 1834. *F. v. R.* 80, pl. 37, 1837. *Zell. Isis*, 1838, p. 714.

*Talæporia pseudo-bombycella*, *Zell. Isis*, 1839, p. 301. *Zell. L. E.* vii. 339, 1852.

*Psyche glabrella*, *Ochsenh. E. S.* iv. 199, 1816.

*Capillaria tessellea*, *Haw. L. B.* 522, 1829.

*Cochleophasia tessellea*, *Curt. B. E.* fo. 487, 1834. *Step. H.* iv. 233, 1834.

*De Geer, M.* ii. 1, 375, pl. 6, f. 13—21, 1771.

? *Kuhn, Naturf.* vii. 185, 3, 1775.

*Wood, I. E.* f. 1266.

## 2, (100, 456). SOLENOBIA.

*Solenobia*, *Zell. L. E.* vii. 332, 343, 1852.

*Talæporia*, p., *Hüb. V.* 400, 1817. *Zell. Isis*, 1839, p. 182.

*Solenobia*, p., *Dup. Cat.* 358, 1844.

## 1. SOLENOBIA INCONSPICUELLA.

B. M.

*Talæporia inconspicuella*, *Sta. Cat.* p. 6, 1849.

*Solenobia inconspicuella*, *Zell. L. E.* vii. 355, 1852.

(*Talæporia cembrella*, *Douglas, Ent. Tr.* v. Proc. xii. 1847).

## 2. SOLENOBIA DOUGLASII.

*Solenobia Douglasii*, *Sta. I. B. Lep. Tin.* p. 19, 1854.

## 3, (101, 457). DIPLODOMA.

*Diplodoma*, *Zell. L. E.* vii. 332, 359, 1852.

*Lampronia*, p., *Step. H.* iv. 356, 1835.

*Tinea*, p., *Zell. Isis*, 1839, p. 182.

## 1. DIPLODOMA MARGINEPUNCTELLA.

B. M.

*Lampronia marginepunctella*, *Step. H.* iv. 358, 1835.

*Diplodoma marginepunctella*, *Zell. L. E.* vii. 360, 1852.

*Tinea siderella*, *Zell. Isis*, 1839, p. 183. *Lien. & Zell. Isis*, 1846, p. 270. *H.-S. Tin.* pl. 46, f. 319, 1851.

*Wood, I. E.* f. 1588.

## 4, (102, 458). XYSMATODOMA.

*Xysmatodoma*, *Zell. L. E.* vii. 332, 362, 1852.

*Lampronia*, p., *Step. H.* iv. 356, 1835.

*Tinea*, p., *Zell. Isis*, 1839, p. 182.

## 1. XYSMATODOMA MELANELLA.

B. M.

*Tinea melanella*, *Haw. L. B.* 566, 1829.

*Lampronia melanella*, *Step. H.* iv. 358, 1835.

*Xysmatodoma melanella*, *Zell. L. E.* vii. 363, 1852.

*Lampronia atrella*, *Step. H.* iv. 359, 1835.

*Tinea stelliferella*, *F. v. R.* 156, pl. 59, 1839.

? *Tinea herminata*, *Fourc. E. P.* 332, 41, 1785.

? *Tinea sequella*, *Haw. L. B.* 583, 1829.

? *Geoffroy, Hist. Ab.* ii. 198, 41, 1762.

*Wood, I. E.* f. 1589, 1590.

## 5, (103, 459). OCHSENHEIMERIA.

*Ochsenheimeria*, *Hüb. V.* 416, 1817. *Zell. Isis*, 1839, p. 184.

*Lepidocera*, *Curt. B. E.* fo. 344, 1831. *Step. H.* iv. 349, 1834.

*Phygas*, *Treit. E. S.* ix. 2, 73, 1833. *Dup. L. F.* xi. 348, 1838. *Id. Cat.* 362, 1844.

*Ypsolophus*, p., *Haw. L. B.* 538, 1829.

## OCHSENHEIMERIA BIRDELLA.

B. M.

*Lepidocera Birdella*, *Curt. B. E.* fo. 344, 1831. *Step. H.* iv. 350, 1834.

*Ochsenheimeria Birdella*, *Sta. Cat.* p. 8, 1849.

*Ochsenheimeria Bisontella*, *Sta. Cat.* p. 8, 1849.

? *Ypsolophus mediopectinellus*, *Haw. L. B.* 545, 1829.

? *Lepidocera mediopectinella*, *Curt. B. E.* fo. 344, 1831. *Step. H.* iv. 350, 1834.

*Wood, I. E.* f. 1566, 1567.

## 2. OCHSENHEIMERIA BISONTELLA.

B. M.

*Ochsenheimeria Bisontella*, *Lien. & Zell. Isis*, 1846, p. 274.

*Lepidocera Taurella*, *Curt. B. E.* fo. 344, 1831.

*Ochsenheimeria Vacculella*, *Sta. Cat.* p. 8, 1849.

? *Ypsolophus Taurellus*, *Haw. L. B.* 546, 1829.

? *Lepidocera Taurella*, *Step. H.* iv. 350, 1834.

*Wood, I. E.* f. 1568.

## 3. OCHSENHEIMERIA VACCULELLA.

B. M.

*Ochsenheimeria Vacculella*, *F. v. R. Ent. Ztg.* 1842, p. 213.  
*H.-S. Tin.* pl. 36, f. 247, 1850.

*Tinea Taurella*, *Hüb.* 188, 1801.

*Ochsenheimeria Chenopodiella*, *Sta. Cat.* p. 8, 1849.

? *Tinea Walosella*, *Schr. F. B.* ii. 129, 1863, 1802.

? *Lepidocera Chenopodiella*, *Step. H.* iv. 351, 1834.

*Wood, I. E.* f. 1569.

## 6, (104, 460). EUPLOCAMUS.

*Euplocamus*, *Lat. G. C. et I.* iv. 223, 1809. *Step. H.* iv. 348, 1834. *Curt. B. E.* fo. 591, 1836. *Zell. Isis*, 1839, p. 187.  
*Id. L. E.* vi. 84; 86, 1852.

*Phycis*, p., *Hüb. V.* 403, 1817.

*Scardia*, p., *Treit. E. S.* ix. 1, 3, 1832.

*Euplocamus*, p., *Dup. L. F.* xi. 64, 1838. *Id. Cat.* 363, 1844.



1. EUPLOCAMUS BOLETI.

B. M.

- Noctua Boleti, *Fab. E. S.* iii. 2, 26, 1794. (*? Id. Man. I.* ii. 140, 1787).  
 Euplocamus Boleti, *Zell. Ent. Ztg.* 1846, p. 178. *Id. L. E.* vi. 91, 1852.  
 Phycis mediella, *Ochsenh. E. S.* iv. 51, 195, 1816.  
 Scardia mediella, *Treit. E. S.* ix. 1, 3, 1832, x. 3, 150, 1835.  
 Euplocamus mediellus, *Step. H.* iv. 349, 1834. *Curt. B. E.* fo. 591, 1836. *H.-S. Tin.* 46, f. 314, 1851.  
 ?Tinea Choragella, *W. V.* 137, 1, 1776. *Illig. (W. V.)* ii. 99, 1801. *Charp. (W. V.)* 127. *Z. g. S.* 172, 1821.  
 ?Tinea Fungella, *Wenner, (Thun.) I. S.* vii. 93, 1794.  
 ?Tinea mediella, *Hüb.* 19, 1801.  
 ?Euplocamus mediellus, *Dup. L. F.* xi. 74, pl. 288, f. 3, 1838.  
 ?Scardia mediella, *Zebe, Ent. Ztg.* 1840, p. 61. *Evers. F. V. U.* 532, 1844.  
*Wood, I. E.* f. 1565.

7, (105, 461). TINEA.

- Tinea, *Zell. L. E.* vi. 84, 100, 1852. *Step. H.* iv. 343, 1834. *Curt. B. E.* fo. 511, 1834. *Lat. H. N.* xiv. 248, 1805. *Id. G. C. & I.* iv. 223, 1809. *Id. R. A.* iii. 580, 1817.  
 Tinea, p., *Haw. L. B.* 561, 1829. *Dup. L. F.* xi. 81, 1838. *Id. Cat.* 364, 1844. *Zell. Isis*, 1839, p. 182.  
 Tinea et Scardia, p., *Treit. E. S.* ix. 1, 12, 3, 1832.  
 Tinea et Scardia, *Zett. I. L.* 991, 990, 1840.  
 Autoses, Acedes, Endrosis, p., Monopis, et Diaphthirusa, *Hüb. V.* 401, 404, 1817.

1. TINEA IMELLA.

- Tinea imella, *Hüb.* 307, 1816. *Zell. Isis*, 1839, p. 183. *Id. Isis*, 1847, p. 809. *Id. L. E.* vi. 103, 1852. *Dup. L. F. Sup.* iv. 206, pl. 67, p. 10, 1842. *H.-S. Tin.* pl. 47, f. 323, 1852.

2. *TINEA FERRUGINELLA.*

B. M.

*Tinea ferruginella*, *Hüb.* 348, 1816. *Treit. E. S.* ix. 2, 265, 1833. *Dup. L. F.* xi. 101, pl. 289, f. 7, 1838. *Zell. L. E.* vi. 105, 1852.

*Tinea splendella*, *Hüb.* 381, 1816.

*Tinea ustella*, *Haw. L. B.* f. 565, 1829. *Step. H.* iv. 344, 1834.

? *Tinea obviella*, *W. V.* 143, 23, 1776. *Goëze, E. B.* iii. 4, 139, 127, 1783.

? *Tinea mendicella*, *Hüb.* 179, 1801.

*Wood, I. E.* f. 1553.

3. *TINEA RUSTICELLA.*

B. M.

*Tinea rusticella*, *Hüb.* 339, 1816. (? *Id.* 17, 1801). *Treit. E. S.* ix. 2, 264, 1833. *Dup. L. F.* xi. 91, pl. 288, f. 6, 1838. *Zell. Isis*, 1839, p. 183. *Id. L. E.* vi. 107, 1852. *Evers. F. V. U.* 534, 1844.

*Tinea saturella*, *Haw. L. B.* 562, 1829.

*Tinea vestianella*, *Step. H.* iv. 344, 1834.

? *Tinea lævigella*, *W. V.* 139, 36, 1776. *Goëze, E. B.* iii. 4, 135, 81, 1783. *Illig. (W. V.)* ii. 106, 1801. *Charp. (W. V.)* 140. *Z. g. S.* 195, 1821.

*Wood, I. E.* f. 1552.

4. *TINEA MONACHELLA.*

*Tinea monachella*, *Hüb.* 143, 1801. *Treit. E. S.* ix. 2, 100, 1833. *Sta. Zool.* 2630. *Zell. L. E.* vi. 111, 1852.

? *Tinea mediella*, *Fab. E. S.* iii. 2, 337, 26, 1794. *Id. E. S. Sup.* 494, 73, 1798. *Turt. S. N.* iii. 2, 381, 1806.

5. *TINEA FULVIMITRELLA.*

B. M.

*Tinea fulvimitrella*,\* *Sod. Bull. N. M.* 1830, 74, pl. 1, f. 6. *Treit. E. S.* x. 3, 152, 1835. *Evers. F. V. U.* 535, 1844. *Lienig & Zell. Isis*, 1846, p. 272. *H.-S. Tin.* pl. 43, f. 283, 1851. *Zell. L. E.* vi. 114, 1852.

*Euplocamus fulvimitrellus*, *Dup. L. F.* xi. 606, pl. 312, f. 1, 1838.

*Tinea rupella*, *Haw. L. B.* 565, 1829.  
*Lampronia rupella*, *Step. H.* iv. 358, 1835.  
*Adela Bohemanella*, *Zett. I. L.* 1006, 1840.  
 ? *Lampros Capitella*, *Treit. E. S.* ix. 2, 61, 1833.  
*Wood, I. E.* f. 1587.

6. *TINEA TAPETZELLA.*

B. M.

*Phalæna (Tinea) tapetzella*, *Lin. S. N.* (10) 536, 253, 1758.  
*Id. F. S.* 1414, 1761. *Id. S. N.* (12) 888, 371, 1767.  
 \* *Clerck, I.* pl. xi. f. 12, 1759.

*Tinea tapetzella*, *Mül. F. F.* 56, 503, 1764. *Id. Z. D. P.* 134, 1552, 1776.

*Tinea tapezella*, *Fab. E. S.* 659, 23, 1775. *Id. S. I.* ii. 295, 30, 1781. *Id. Man.* ii. 246, 53, 1787. *Id. E. S.* iii. 2, 303, 70, 1794. *W. V.* 142, 13, 1776. *Goëze, E. B.* iii. 4, 91, 371, 1783. *Gesen. Enc.* 213, 10, 1783. *Fourc. E. P.* 323, 13, 1785. *Gmelin, S. N.* i. 5, 2592, 371, 1788. *Vill. F. L.* ii. 465, 862, 1789. *Cederh. F. I.* 256, 805, 1798. *Hüb.* 91, 1801. *Illig. (W. V.)* ii. 117, 1801. *Schr. F. B.* ii. 128, 1862, 1802. *Lat. H. N.* xiv. 249, 1802. *Turt. S. N.* iii. 2, 368, 1806. *Charp. (W. V.)* 157, 1821. *Haw. L. B.* 561, 1829. *Treit. E. S.* ix. 1, 22, ix. 2, 261, 1832, 1833. *Id. Heulfs.* 391, 1834. *Step. H.* iv. 343, 1834. *Sam. E. C.* 1833. *Dup. L. F.* xi. 88, pl. 288, f. 7, 1838. *Zell. Isis*, 1838, p. 722. *Zett. I. L.* 992, 1840. *Reich. Schm.* 144, 1852.

*Pyralis tapezana*, *Fab. E. S. Sup.* 480, 1798. *Walck. F. P.* ii. 316, 1802. *Lat. R. A.* iii. 581, 1817.

*Tinea trapezella*, *Lam. H. N.* iii. 543, 1816.

*Tinea tapetiella*, *Lienig, Isis*, 1846, p. 272. *Zell. L. E.* vi. 116, 1852.

? *Tinea tapezella*, *Schott, R. K.* 303, 1830.  
*Wood, I. E.* f. 1550.

7. *TINEA ARCELLA.*

B. M.

*Tinea arcella*, *Fab. G. I.* 295, 1776. *Id. S. I.* ii. 296, 38, 1781. *Id. Man.* ii. 246, 62, 1787. *Id. E. S.* iii. 2, 305, 81, 1794. *Id. E. S. Supp.* 491, 58, 1798. *Goëze, E. B.* iii. 4, 158, 213, 1783. *Gmelin, S. N.* i. 5, 2594, 1229, 1788. *Vill. E. L.* ii. 498, 957, 1789. *Schr. F. B.* ii. 136, 1882,

1802. *Turt. S. N.* iii. 2, 369, 1806. *Zell. L. E.* vi. 118, 1852.
- Alucita nivella*, *Fab. G. I.* 297, 1776. *Id. S. I.* ii. 308, 11, 1781. *Id. Man.* ii. 255, 14, 1787. *Id. E. S.* iii. 2, 335, 17, 1794.
- Tinea niveella*, *Goëze, E. B.* iii. 4, 155, 225, 1783. *Gmelin, S. N.* i. 5, 2609, 1274, 1788. *Vill. E. L.* ii. 505, 981, 1789. *Turt. S. N.* iii. 2, 380, 1806.
- Tinea repandella*, *Hüb.* 256, 1816. *Dup. L. F.* xi. 111, pl. 289, 9, 1838.
- Recurvaria Clematea*, *Haw. L. B.* 552, 1829.
- Telea Clematella*, *Step. H.* iv. 250, 1834.
- ? *Tinea punctella*, *Scop. F. C.* 253, 655, 1763. *Goëze, E. B.* iii. 4, 148, 185, 1783. *Vill. E. L.* ii. 511, 1004, 1789.
- ? *Tinea Clematella*, *Fab. S. I.* ii. 297, 41, 1781. *Id. Man.* ii. 246, 63, 1787. *Id. E. S.* iii. 2, 306, 85, 1794. *Goëze, E. B.* iii. 4, 155, 225, 1783. *Gmelin, S. N.* i. 5, 2590, 1230, 1788. *Vill. E. L.* ii. 498, 958, 1789. *Turt. S. N.* iii. 2, 370, 1806.
- Wood, I. E.* f. 1303.

8. *TINEA PICARELLA.*

- Phalæna (Tinea) picarella*, *Lin. F. S.* 1389, 1761. \**Clerck, I.* pl. x. f. 15, 1759.
- Tinea Rigaëlla*, \**Sod. Bull. N. M.* 1830, 68, pl. 1, f. 3.
- Scardia Rigaëlla*, *Treit. E. S.* x. 3, 150, 1835. *Evers. F. V.* U. 533, 1844.
- Scardia Acerella*, *Treit. E. S.* ix. 1, 8, 1832.
- Tinea Riganella*, *H.-S. Tin.* pl. 44, f. 299, 1851. *Zell. L. E.* vi. 120, 1852.

9. *TINEA ARCUATELLA.*

B. M.

- Tinea arcuatella*, *Sta. I. B. Lep. Tin.* p. 29, 1854.
- Tinea picarella*, *Hüb.* 219, 1801. *Dup. L. F. Sup.* iv. 204, pl. 67, f. 8, 1842. *Sta. Cat.* p. 7, 1849. *H.-S. Tin.* pl. 42, f. 282, 1851. *Zell. L. E.* vi. 122, 1852.
- Scardia picarella*, *Treit. E. S.* ix. 1, 7, 1832. *Zett. I. L.* 990, 1840. *Evers. F. V. U.* 532, 1844.
- ? *Tinea laterella*, *Wenner, (Thun.) I. S.* vii. 94, 1794.

10. *TINEA CORTICELLA.*

B. M.

*Tinea corticella*, *Curt. B. E.* fo. 511, 1834. *Zell. L. E.* vi. 124, 1852.

*Tinea emortuella*, *Zell. Isis*, 1839, p. 184.

*Tinea granella*, var., *Dup. L. F.* xi. pl. 289, f. 10, 1838.

? *Tinea concinnella*, *Hüb.* 474, 475, 1832?

*Tinea cloacella*, *H.-S. Tin.* pl. 44, f. 304, 1851.

*Wood, I. E.* f. 1562.

11. *TINEA PARASITELLA.*

B. M.

*Tinea parasitella*, *Hüb.* 16, 1801. *Haw. L. B.* 563, 1829.

*Step. H.* iv. 347, 1834. *H.-S. Tin.* pl. 46, f. 316, 1851. *Zell. L. E.* vi. 125, 1852.

*Scardia parasitella*, *Treit. E. S.* ix. 1, 6. 1832. *Bouché, Nat.* 121, 1834. *Evers. F. V. U.* 532, 1844.

*Euplocamus parasitellus*, *Dup. L. F.* xi. 77, pl. 288, f. 4a, 1838. *Bert. L. Bon.* 199, 1844.

*Wood, I. E.* f. 1564.

12. *TINEA GRANELLA.*

B. M.

*Phalæna* (*Tinea*) *Granella*, *Linn. S. N.* (10) 537, 259, 1758.

*Id. F. S.* 1413, 1761. *Id. S. N.* (12) 889, 377, 1767.

*Tinea Granella*, *W. V.* 141, 77, 1776. *Müll. Z. D. P.* 134,

1556, 1776. *Goëze, E. B.* iii. 4, 96, 377, 1783. *Gesen.*

*Encycl.* 214, 15, 1786. *Gmelin, S. N.* i. 5, 2608, 377, 1788.

*Vill. E. L.* ii. 468, 868, 1789. *Rossi, F. E.* ii. 209, 1238,

1790. *Schwarz, R. K.* 609, 634, 1791. *Fab. E. S. Supp.*

494, 74, 1798. *Hüb.* 165, 1801. *Illig. (W. V.)* ii. 114,

1801. *Walck. F. P.* ii. 319, 1802. *Lat. H. N.* xiv. 249,

1802. *Id. R. A.* iii. 581, 1817. *Turt. S. N.* iii. 2, 380,

1806. *Lam. H. N.* iii. 543, 1816. *Haw. L. B.* 563, 1829.

*Schott, R. K.* 304, 1830. *Treit. E. S.* ix. 1, 13, 1832. *Id.*

*Heulfs.* 390, 1834. *Bouché, Nat.* 122, 1834. *Step. H.* iv.

347, 1834. *Dup. L. F.* xi. 113, pl. 289, f. 11, 1838. *Zell.*

*Isis*, 1838, p. 723. *Id. Isis*, 1847, p. 809. *Id. L. E.* vi.

138, 1852. *Zett. I. L.* 991, 1840. *Evers. F. V. U.* 534,

1844. *Lienig, Isis*, 1846, p. 273. *Thwaites, Ent. Trans.* iv.

*Proc.* 158, 1847. *Sta. Cat.* p. 7, 1849. *H.-S. Tin.* pl. 42,

f. 285, 1851. *Reich. Schm.* 143, 1852.

*Alucita Granella*, *Fab. S. E.* 668, 8, 1776. *Id. S. I.* ii. 307, 10, 1781. *Id. Man.* ii. 255, 12, 1787. *Id. E. S.* iii. 2, 334, 15, 1794. *Cederh. F. I.* 259, 819, 1798.  
 ? *Tinea Granella*, *Schr. F. B.* ii. 128, 1839, 1802.  
*Wood, I. E.* f. 1563.

13. *TINEA CLOACELLA.*

B. M.

*Tinea cloacella*, *Haw. L. B.* 563, 1829. *Step. H.* iv. 347, 1834. *Zell. L. E.* vi. 139, 1852.  
*Tinea cloacea*, *Ingpen, Ent. Trans.* ii. Proc. x. 1837.  
*Tinea granella*, var., *Dup. L. F.* xi. pl. 289, f. 13, 14, 1838.

14. *TINEA RURICOLELLA.*

B. M.

*Tinea ruricolella*, *Sta. Cat.* p. 7, 1849.  
*Tinea Granella*, var., *Dup. L. F.* xi. pl. 289, f. 12, 1838.  
*Tinea cloacella*, var. *b.*, *Zell. L. E.* vi. 139, 1852.

15. *TINEA COCHYLIDELLA.*

*Tinea Cochylidella*, *Sta. I. B. Lep. Tin.* p. 32, 1854.

16. *TINEA ALBIPUNCTELLA.*

B. M.

*Tinea albipunctella*, *Haw. L. B.* 564, 1829. *Step. H.* iv. 345, 1834. *Sta. Cat.* p. 7, 1849. *Zell. L. E.* vi. 141, 1852.

17. *TINEA CAPRIMULGELLA.*

B. M.

*Tinea Caprimulgella* (*v. Heyden*), *Sta. Sup. Cat.* p. 2, 1851.  
*H.-S. Tin.* 44, f. 303, 1851. *Zell. L. E.* vi. 144, 1852.

18. *TINEA MISELLA.*

B. M.

*Tinea misella*, *Zell. Isis*, 1839, p. 184. *Id. L. E.* vi. 150, 1852. *Lienig, Isis*, 1846, p. 273. *H.-S. Tin.* 41, f. 277, 1850.  
*Tinea Knockiella*, *Sta. Cat.* p. 7, 1849.  
 ? *Tinea Knockiella*, *Hüb.* 260, 1801.

19. *TINEA FUSCIPUNCTELLA.*

B. M.

*Tinea fuscipunctella*, *Haw. L. B.* 562, 1829. *Step. H.* iv. 345, 1834. *Sta. Cat.* p. 8, 1849. *H.-S. Tin.* 44, f. 300, 1851.

*Tinea spretella*, *Zell. L. E.* vi. 154, 1852.

? *Phalæna* (*Tinea*) *fuscella*, *Lin. S. N.* (10) 539, 276, 1758.

*Id. F. S.* 1439, 1761. *Id. S. N.* (12) 893, 409, 1767.

*Fab. S. E.* 662, 39, 1775. *Id. S. I.* ii. 299, 54, 1781. *Id.*

*Man.* ii. 248, 84, 1787. *Müll. Z. D. P.* 135, 1569, 1776.

*Goëze, E. B.* iii. 4, 109, 409, 1783. *Gmelin, S. N.* i. 5,

2598, 409, 1788. *Vill. E. L.* ii. 479, 900, 1789.

? *Tinea spretella*, *W. V.* 142, 16, 1776. *Goëze, E. B.* iii. 4,

138, 117. *Illig. (W. V.)* ii. 116, 1801.

? *Tinea crinitella*, *Schr. F. B.* ii. 109, 1809, 1802.

*Wood, I. E.* f. 1554.

20. *TINEA PELLIONELLA.*

B. M.

*Phalæna* (*Tinea*) *pellionella*, *Lin. S. N.* (10) 536, 254, 1758.

*Id. F. S.* 1415, 1761. *Id. S. N.* (12) 888, 372, 1767.

*Tinea pellionella*, *Müll. F. F.* 57, 504, 1764. *Id. Z. D. P.*

134, 1553, 1776. *Fab. S. E.* 659, 24, 1775. *Id. S. I.* ii.

295, 31, 1781. *Id. Man.* ii. 246, 54, 1787. *Id. E. S.* iii.

2, 304, 73, 1794. *Id. E. S. Sup.* 490, 53, 1798. *Goëze, E.*

*B.* iii. 4, 92, 372, 1783. *Gesen. Encycl.* 213, 11, 1786. *Gmel.*

*S. N.* i. 5, 2593, 372, 1788. *Vill. E. L.* ii. 466, 863, 1789.

*Rossi, F. E.* ii. 205, 1224, 1790. *Cederh. F. I.* 256, 806,

1798. *Hüb.* 15, 1801. *Schr. F. B.* ii. 106, 1802, 1802.

*Walck. F. P.* ii. 318, 1802. *Lat. H. N.* xiv. 249, 1802. *Id.*

*R. A.* iii. 581, 1817. *Turt. S. N.* iii. 2, 368, 1806. *Lam.*

*H. N.* iii. 543, 1816. *Haw. L. B.* 564, 1829. *Schott, R. K.*

303, 1830. *Treit. E. S.* ix. 1, 15, 1832. *Id. Heulfs.* 390,

1834. *Step. H.* iv. 345, 1834. *Dup. L. F.* xi. 92, pl. 289,

f. 1, 1838. *Zell. Isis*, 1838, p. 708. *Id. Isis*, 1847, p. 810.

*Id. Ent. Ztg.* 1850, p. 61. *Id. L. E.* vi. 157, 1852. *Zett.*

*I. L.* 991, 1840. *Evcrs. F. V. U.* 534, 1844. *Lienig, Isis*,

1846, p. 272. *V. de Hoev. Handb.* 382, 1850. *H.-S. Tin.*

41, f. 278, 1851. *Reich. Schm.* 144, 1852.

? *Phalæna* (*Tinea*) *sarcitrella*, *Linn. S. N.* (10), 536, 255, 1758.

? *Phalæna* (*Tinea*) *sarcitella*, *Linn. S. N.* (12), 888, 373, 1767.

- ? *Tinea sarcitella*, *Fab. S. E.* 660, 26, 1775. *Id. S. I.* ii. 295, 33, 1781. *Id. Man.* ii. 246, 56, 1787. *Id. E. S.* iii. 2, 304, 75, 1794. *Id. E. S. Sup.* 490, 55, 1798. *Goëze, E. B.* iii. 4, 93, 373, 1783. *Gesen. Encycl.* 213, 12, 1786. *Gmelin, S. N.* i. 5, 2593, 373, 1788. *Vill. E. L.* ii. 466, 804, 1789. *Rossi, F. E.* ii. 206, 1225, 1790. *Cederh. F. I.* 256, 808, 1798. *Illig. (W. V.)* ii. 106, 1801. *Schr. F. B.* ii. 121, 1839, 1802. *Walck. F. P.* ii. 318, 1802. *Turt. S. N.* iii. 2, 369, 1806. *Lam. H. N.* iii. 543, 1816. *Lat. R. A.* iii. 581, 1817.
- ? *Tinea Zoolegella*, *Scop. F. C.* 255, 666, 1763. *Goëze, E. B.* iii. 4, 149, 196, 1783.
- Wood, I. E.* f. 1555.

21. *TINEA PALLESCENTE*ELLA.

*Tinea pallescentella*, *Sta. Sup. Cat.* p. 2, 1851.

22. *TINEA FLAVESCENTE*ELLA.

*Tinea flavescentella*, *Haw. L. B.* 564, 1829. *Step. H.* iv. 346, 1834.

*Tinea spretella*, var. ? *Sta. Cat.* p. 8, 1849.

23. *TINEA LAP*ELLA.

B. M.

*Tinea Lapella*, *Hüb.* 232, 1801.

*Tinea Lappella*, *Haw. L. B.* 564, 1829. *Step. H.* iv. 346, 1834. *Dup. L. F.* xi. 99, pl. 289, f. 3, 1838. *H.-S. Tin.* 44, f. 302, 1851.

*Phalæna tripunctella*, *Don. B. I.* xi. pl. 382, 1806.

*Tinea ganomella*, *Treit. E. S.* ix. 2, 263, 1833. *Zell. Isis*, 1839, p. 184. *Id. L. E.* vi. 163, 1852.

*Wood, I. E.* f. 1559.

24. *TINEA BISELLI*ELLA.

B. M.

*Tinea biselliella*, *Hummel, Ess. Ent.* 3, 13, p. 6—13, 1823. *Zell. Isis*, 1838, p. 709. *Id. Ent. Ztg.* 1848, p. 221. *Id. L. E.* vi. 166, 1852. *Lienig, Isis*, 1846, p. 273. *H.-S. Tin.* 41, p. 281.



*Tinea crinella*, *Treit. E. S.* ix. i. 21, x. 3, 151, 1832, 1835.  
*Id. Heulfs.* 391, 1834. *Dup. L. F.* xi. 97, pl. 289, f. 2,  
 1838. *Zett. I. L.* 992, Obs. 1840. *Evers. F. V. U.* 534,  
 1844. *Reich. Schm.* 144, 1852.

*Tinea destructor*, *Step. H.* iv. 346, 1834.

? *Tinea flavifrontella*, *W. V.* 143, 22, 1776. *Goëze, E. B.* iii.  
 4, 139, 126, 1783. *Wenner, (Thun.) I. S.* 7, 87, 1794.  
*Fab. E. S.* iii. 2, 305, 78, 1794. *Id. E. S. Sup.* 484, 16,  
 1798. *Illig. (W. V.) ii.* 119, 1801. *Turt. S. N.* iii. 2, 369,  
 1806. *Haw. Tr. Ent.* i. 338, 1812. *Lam. H. N.* iii. 544,  
 1816. *Lat. R. A.* iii. 581, 1817.

? *Tinea sarcitella*, *Lat. H. N.* xiv. 249, 1802.

*Wood, I. E.* f. 1558, 1561.

## 25. *TINEA SIMPLICELLA.*

*Tinea simplicella*, *H.-S. Tin.* 47, f. 322, 1851. *Zell. L. E.* vi.  
 169, 1852.

*Tinea angusticostella*, *Sta. Cat.* p. 7, 1849.

## 26. *TINEA NIGRIPUNCTELLA.*

B. M.

*Tinea nigripunctella*, *Haw. L. B.* 564, 1829. *Step. H.* iv.  
 345, 1834. *Zell. L. E.* vi. 142, 1852.

*Tinea parietariella*, *H.-S. Tin.* 39, f. 268, 1851.

*Wood, I. E.* f. 1556.

## 27. *TINEA SEMIFULVELLA.*

B. M.

*Tinea semifulvella*, *Haw. L. B.* 562, 1829. *Step. H.* iv. 344,  
 1834. *H.-S. Tin.* 44, f. 301, 1851. *Zell. L. E.* vi. 170,  
 1852.

*Wood, I. E.* f. 1551.

## 28. *TINEA BISTRIGELLA.*

B. M.

*Tinea bistrigella*, *Haw. L. B.* 573, 1829. *Sta. Cat.* p. 6, 1849.  
*Zell. L. E.* vi. 171, 1852.

*Lampronia bistrigella*, *Step. H.* iv. 362, 1835.

*Adela abalienella*, *Zett. I. L.* 1008, 1840.

*Tinea dilorella*, *H.-S. Tin.* 39, f. 266, 1851.

*Wood, I. E.* f. 1603.

29. *TINEA SUBAMMANELLA.*

*Micropteryx subammanella*, *Sta. Cat.* p. 9, 1849. *Id. Ent. Trans.* i. n. s. 31, pl. 3, f. 8, 1850. *Zell. L. E.* v. 333, 1851.

30. *TINEA ARGENTIMACULELLA.*

B. M.

*Tinea argentimaculella*, *Sta. Cat.* p. 6, 1849.  
*Xysmatodoma argentimaculella*, *Zell. L. E.* vii. 366, 1852.  
*Wood, I. E.* f. 1350.

31. *TINEA OCHRACEELLA.*

B. M.

*Tinea ochraceella*, *Tengstr. F. F.-F.* 111, 15, 1848. *Sta. Sup. Cat.* p. 2, 1851. *Zell. L. E.* vi. 176, 1852.

8, (106, 462). *LAMPRONIA.*

*Lampronia*, *Zell. L. E.* vi. 84, 180, 1852.  
*Lampronia*, p., *Step. H.* iv. 356, 1834. *Curt. B. E.* fo. 639, 1837.  
*Esperia*, p., *Hüb. V.* 418, 1817.  
*Tinea*, p., *Zell. Isis*, 1839, p. 182.  
*Lampros*, p., et *Adela*, p., *Zett. I. L.* 1002, 1006, 1840,

1. *LAMPRONIA QUADRIPUNCTELLA.*

B. M.

*Tinea quadripunctella*, *Fab. S. I.* ii. 298, 52, 1781. *Id. Man.* ii. 248, 80, 1787. *Id. E. S.* iii. 2, 311, 105, 1794. *Goëze, E. B.* iii. 4, 155, 226, 1783. *Gmel. S. N.* i. 5, 2597, 1239, 1788. *Turt. S. N.* iii. 2, 372, 1806. *Haw. L. B.* 567, 1829.  
*Amaurosetia quadripunctella*, *Step. H.* iv. 354, 1835.  
*Lampronia morosa*, *Zell. L. E.* vi. 181, 1852.  
 ? *Tinea quadripunctella*, *Vill. E. L.* ii. 499, 962, 1789.  
 ? *Incurvaria bipunctella*, *Dup. L. F. Sup.* iv. 514, pl. 89, f. 9, 1842.  
*Wood, I. E.* f. 1576.

## 2. LAMPRONIA LUZELLA.

B. M.

*Tinea Luzella*, *Hüb.* 430, 1816.

*Lampronia Luzella*, *Step. H.* iv. 357, 1837. *Curt. B. E.* fo. 639, 1837. *Zell. L. E.* vi. 187, 1852.

*Tinea flavipunctella*, *Haw. L. B.* 566, 1829.

*Lampronia flavipunctella*, *Step. H.* iv. 357, 1835.

*Wood, I. E.* f. 1586.

## 3. LAMPRONIA PRÆLATELLA.

B. M.

*Tinea prælatella*, *W. V.* 320, 46, 1776. *Goëze, E. B.* iii. 4, 142, 156, 1783. *Fab. Man.* ii. 250, 97, 1787. *Id. E. S.* iii. 2, 315, 127, 1794. *Id. E. S. Sup.* 486, 26, 1798. *Gmel. S. N.* i. 5, 2599, 1246, 1788. *Vill. E. L.* iv. 542, 1789. *Hüb.* 251, 1801. *Illig. (W. V.)* ii. 121, 1801. *Turt. S. N.* iii. 2, 373, 1806. *Haw. L. B.* 566, 1829. *H.-S. Tin.* 43, f. (294 ?), 295, 1851.

*Lampronia prælatella*, *Step. H.* iv. 356, 1835. *Zell. L. E.* vi. 189, 1852.

*Tinea mæstella*, *Hüb.* 295, 1816.

*Adela Luzella*, *Treit. E. S.* x. 3, 205, 1835. *Freyer, N. B.* ii. 60, pl. 132, 1836.

*Incurvaria flavimitrella*, *Dup. L. F.* xi. 423, pl. 303, f. 7, 1838.

? *Tinea bifasciella*, *Fab. Man.* ii. 249, 94, 1787. *Id. E. S.* iii. 2, 309, 100, 1794. *Id. E. S. Sup.* 487, 33, 1798. *Gmel. S. N.* i. 5, 2599, 1242, 1788. *Vill. E. L.* iv. 542, 1789. *Turt. S. N.* iii. 2, 371, 1806.

? *Adela stipella*, *Treit. E. S.* ix. 2, 124, 1833.

*Wood, I. E.* f. 1584, 1585.

## 4. LAMPRONIA RUBIELLA.

B. M.

*Tinea Rubiella*, *Bjerk. N. A. H.* 1781, p. 20, pl. 1, f. 6—10. *Gmel. S. N.* i. 5, 2606, 1272, 1788.

*Alucita variella*, *Fab. E. S.* iii. 2, 336, 20, 1794.

*Tinea variella*, *Turt. S. N.* iii. 2, 381, 1806.

*Adela variella*, *Treit. E. S.* x. 3, 206, 1835. *Evers. F. V. U.* 589, 1844.

*Glyphipteryx variella*, *F. v. R.* 237, pl. 82, f. 1, 1840.

*Lampronia variella*, *Zell. L. E.* vi. 193, 1852.

*Tinea marmorella*, *Fab. E. S. Sup.* 488, 43, 1798.

*Tinea corticella*, *Haw. L. B.* 566, 1829.

*Lampronia corticella*, *Step. H.* iv. 359, 1835.

*Incurvaria multipunctella*, *Dup. L. F.* xi. 426, pl. 303, f. 10, 1838.

*Wood, I. E.* f. 1591.

### 9, (107, 463). LAMPROSETIA.

*Lamprosetia*, *Sta. I. B. Lep. Tin.* p. 39, 1854.

#### 1. LAMPROSETIA VERHUELLELLA.

*Lamprosetia Verhuellella*, (*von Heyden*), *Sta. I. B. Lep. Tin.* p. 39, 1854.

### 10, (108, 464). INCURVARIA.

*Incurvaria*, *Huc. L. B.* 559, 1829. *Step. H.* iv. 351, 1834.

*Curt. B. E.* fo. 1836. *Zell. L. E.* v. 302, 1850.

*Incurvaria*, p., *Dup. L. F.* xi. 417, 1838. *Id. Cat.* 354, 1854.

*Tinea*, p., *Zell. Isis*, 1839, p. 132.

*Esperia*, p., *Hüb. V.* 418, 1817.

*Adela*, p., *Treit. E. S.* ix. 2, 112, 1833. *Zett. I. L.* 1006, 1840.

#### 1. INCURVARIA MUSCALELLA.

B. M.

*Tinea muscalella*, *Fab. Man.* ii. 249, 91, 1787. *Id. E. S.* iii.

2, 314, 122, 1794. *Id. E. S. Sup.* 489, 46, 1798. *Gmel. S.*

*N. i.* 5, 2596, 1235, 1788. *Vill. E. L.* iv. 541, 1789.

*Tinea masculella*, *Hüb.* 125, 1801. *Z. g. S. (Charp. W. V.)*

224, 1821. *Treit. Heulfs.* 401, 1834. *Lienig, Isis*, 1846, p. 272. *Reich. Schm.* 146, 1852.

*Adela masculella*, *Treit. E. S.* ix. 2, 20, 1833. *Zett. I. L.* 1007, 1840. *Evers. F. V. U.* 589, 1844.

*Incurvaria masculella*, *Step. H.* iv. 351, 1834. *Curt. B. E.* fo. 607, 1836. *Dup. L. F.* xi. 419, pl. 303, f. 5, 1838.

*Zell. L. E.* v. 303, 1851.

- Incurvaria muscula*, *Haw. L. B.* f. 559, 1829.  
 ♀ *Incurvaria spuria*, *Haw. L. B.* 560, 1829. *Step. H.* iv. 352, 1834. *Curt. B. E.* fo. 607, 1836.  
 Var. *Tinea masculella*, *H.-S. Tin.* 45, f. 308, 1851.  
 Var. ♀. *Incurvaria rufimitrella*, *Humph. & West. B. M.* ii. 250, 1845.  
 Var. ♀. *Tinea rufimitrella*, *Sta. Cat.* p. 6, 1849.  
 ? *Tinea muscalella*, *Turt. S. N.* iii. 2, 373, 1806.  
*Wood, I. E.* f. 1570, 1571.

## 2. INCURVARIA PECTINEA.

B. M.

- Incurvaria pectinea*, *Haw. L. B.* 559, 1829.  
*Incurvaria pectinella*, *Step. H.* iv. 352, 1834. *Curt. B. E.* fo. 607, 1836.  
*Tinea Zinckenii*, *Zell. Isis*, 1839, p. 183. *Lienig & Zell. Isis*, 1846, p. 272. *H.-S. Tin.* 45, f. 305—307, 1851.  
*Incurvaria Zinckenii*, *Zell. L. E.* v. 305, 1851.  
*Tinea masculella*, var., *Z. g. S. (Charp. W. V.)* 224, 1821.  
*Adela masculella*, var., *Treit. E. S.* ix. 2, 121. *Ann.* 1833.  
 ? *Tinea masculella*, *W. V.* 143, 28, 1776. *Goëze, E. B.* iii. 4, 139, 129, 1783. *Illig. (W. V.)* ii. 121, 1801. *Charp. (W. V.)* 164, 1821.  
 ? *Adela masculella*, *Treit. E. S.* x. 3, 204, 1835.

## 3. INCURVARIA TENUICORNIS.

- Incurvaria tenuicornis*, *Sta. I. B. Lep. Tin.* p. 41, 1854.

## 4. INCURVARIA OEHLMANNIELLA.

B. M.

- Tinea Oehlmanniella*, *Hüb.* 184, 1801. *Lienig, Isis*, 1846, p. 271. *H.-S. Tin.* 43, f. 297, (var. ♀, 296) 1851.  
*Adela Oehlmanniella*, *Treit. E. S.* ix. 2, 122, x. 3, 204, 1833, 1835. *Zett. I. L.* 1007, 1840. *Evers. F. V. U.* 589, 1844.  
*Incurvaria Oehlmanniella*, *Step. H.* iv. 352, 1834. *Curt. B. E.* fo. 607, 1836. *Dup. L. F.* xi. 421, pl. 303, f. 6, 1838.  
*Zell. L. E.* v. 314, 1851.  
*Incurvaria Oehlmanni*, *Haw. L. B.* 560, 1829.  
*Wood, I. E.* f. 1572, 1573.

## 5. INCURVARIA CAPITELLA.

B. M.

*Phalæna* (Tinea) *capitella*, *Lin. F. S.* 1374, 1761. *Id. S. N.* (12), 894, 418, 1767.

*Tinea capitella*, *Müller, F. F.* 56, 493, 1764. *Id. Z. D. P.* 136, 1581, 1776. *Fab. S. E.* 663, 45, 1775. *Id. S. I.* ii. 300, 60, 1781. *Id. Man.* ii. 250, 95, 1787. *Id. E. S.* iii. 2, 315, 126, 1794. *Id. E. S. Sup.* 485, 23, 1798. *Goëze, E. B.* iii. 4, 111, 418, 1783. *Gmel. S. N.* i. 5, 2599, 418, 1788. *Turt. S. N.* iii. 2, 373, 1806. *Haw. L. B.* 565, 1829. *Zell. Isis*, 1839, p. 183. *Lienig, Isis*, 1846, p. 271. *H.-S. Tin.* 43, f. 293, 1851.

*Lampronia capitella*,  $\Delta$  (*E. Dbld.*) *Ent. Mag.* i. 389, 1833.

*Step. H.* iv. 356, 1835. *H. Dbld. Entom.* 142, 1841.

*Incurvaria capitella*, *Zell. L. E.* v. 317, 1851.

*Lampros capitella*, var.  $\beta$ , *Evers. F. V. U.* 579, 1844.

? *Phalæna* (Tinea) *capitella*, *Clerck, I.* pl. xi. f. 1, 1759.

? *Tinea capitella*, *Vill. E. L.* ii. 481, 909, 1789.

? *Tinea auropunctella*, *Wenner, (Thun.) I. S.* 7, 89, 1794.

*Wood, I. E.* f. 1583.

## 11, (109, 465). MICROPTERYX.

*Micropteryx*, *Zell. Isis*, 1839, p. 185. *Id. L. E.* v. 322, 1850.

*Dup. Cat.* 359, 1844.

*Micropterix*, *Hüb. V.* 426, 1817.

*Eriocephala*, *Curt. B. E.* fo. 751, 1839.

*Tinea*, p., *Haw. L. B.* 561, 1829.

*Adela*, p., *Treit. E. S.* ix. 2, 112, 1833. *Dup. L. F.* xi. 354, 1838. *Zett. I. L.* 1006, 1840.

*Lampronia*, p., *Step. H.* iv. 356, 1834.

## 1. MICROPTERYX CALTHELLA.

B. M.

*Phalæna* (Tinea) *Calthella*, *Lin. F. S.* 1432, 1761. *Id. S. N.* (12), 895, 422, 1767.

*Tinea Calthella*, *Müller, F. F.* 57, 512, 1764. *Id. Z. D. P.* 136, 1583, 1776. *Fab. S. E.* 663, 47, 1775. *Id. S. I.* ii. 300, 64, 1781. *W. V.* 144, 36, 1776. *Goëze, E. B.* iii. 4. 113, 422, 1783. *Vill. E. L.* ii. 483, 913, 1789. *Rossi, F. E.* ii. 206, 1229, 1790. *Illig. (W. V.)* ii. 124, 1801. *Schr.*

- F. B.* ii. 124, 1847, 1802. *Turt. S. N.* iii. 2, 382, 1806.  
*Charp. (W. V.)* 167. *Z. g. S.* 230, 1821. *Haw. L. B.* 573,  
 1829. *Treit. Heulfs.* 404, 1834. *Reich. Schm.* 146, 1852.  
*Alucita Calthella, Fab. E. S.* iii. 2, 340, 37, 1794. *Id. E. S.*  
*Sup.* 504, 11, 1798. *Cederh. F. I.* 260, 822, 1798.  
*Adela Calthella, Treit. E. S.* ix. 2, 117, 1833. *Dup. L. F.*  
 xi. 401, pl. 302, f. 6, 1838. *Zett. I. L.* 1008, 1840. *Evers.*  
*F. V. U.* 587, 1844.  
*Lampronia Calthella, Step. H.* iv. 361, 1835.  
*Micropteryx Calthella, Zell. Isis,* 1839, p. 185. *Id. L. E.* v.  
 323, 1851. *Lienig, Isis,* 1846, p. 274. *Sta. Ent. Trans. i.*  
 n. s. 28, pl. 3, f. 1, 1850.  
*Eriocephala Calthella, Curt. B. E.* fo. 751, 1839.  
*Eriocephala sulcatella, Bent. Zool.* 1844, p. 1086.  
 ? *Tinea Calthella, Gmel. S. N.* i. 5, 2612, 422, 1788.  
 ? *Micropteryx Calthella, Zell. Isis,* 1847, p. 814, 1847.

## 2. MICROPTERYX ARUNCCELLA.

B. M.

- Phalæna Aruncella, Scop. F. C.* 254, 660, 1763.  
*Tinea Aruncella, Goëze, E. B.* iii. 4, 149, 190, 1783.  
*Micropteryx Aruncella, Zell. Isis,* 1839, p. 184, 1839. *Id. L.*  
*E. v.* 325, 360, 1851. *Sta. Ent. Trans. i.* n. s., 39, 1850.  
 ? *Lampronia concinnella, Step. H.* iv. 361, 1834.

## 3. MICROPTERYX SEPELLA.

B. M.

- Tinea Seppella, Fab. G. I.* 296, 1776. *Id. S. I.* ii. 301, 70,  
 1781. *Id. Man.* ii. 251, 108, 1787. *Id. E. S.* iii. 2, 320,  
 144, 1794. *Id. E. S. Sup.* 498, 94, 1798. *Goëze, E. B.*  
 iii. 4, 153, 217, 1783. *Gmel. S. N.* i. 5, 2601, 1262, 1788.  
*Vill. E. L.* ii. 500, 965, 1789. *Turt. S. N.* iii. 2, 375, 1806.  
*Haw. L. B.* 573, 1829.  
*Lampronia Seppella, Step. H.* iv. 362, 1835. *Sta. Ent. Trans.*  
*i.* n. s., 39, 1850.  
*Adela Podevinella, Dup. L. F.* xi. 399, pl. 302, f. 5, 1838.  
*Micropteryx eximiella, Zell. Ent. Ztg.* 1850, p. 52. *Id. L. E.*  
*v.* 328, 361, 1851.  
*Micropteryx Aruncella, Sta. Ent. Trans. i.* n. s., 29, pl. 3, f. 5,  
 6, 1850.  
 ♀ *Eriocephala Calthella, Bent. Zool.* 1845, p. 1086.  
 ? *Tinea Podevinella, Hüb.* 342, 1816.  
 ? *Adela Podevinella, Treit. E. S.* ix. 2, 119, 1833.  
*Wood, I. E.* f. 1600 (♂).

## 4. MICROPTERYX MANSUETELLA.

B. M.

*Micropteryx Mansuetella*, *Zell. Schles. Schm. t. b.*, 1844, p. 16. *Id. L. E.* v. 337, pl. 1, f. 13, 1851. *Sta. Ent. Trans.* i. n. s., p. 33, 1850.

## 5. MICROPTERYX ALLIONELLA.

B. M.

*Tinea Allionella*, *Fab. E. S.* iii. 2, 321, 148, 1794. *Id. E. S. Sup.* 497, 89, 1798. *Turt. S. N.* iii. 2, 375, 1806.

*Micropteryx Allionella*, *Lienig, Isis*, 1846, p. 274. *Zell. Ent. Ztg.* 1850, p. 63. *Id. L. E.* v. 330, 1851. *Sta. Ent. Trans.* i. n. s., 31, pl. 3, f. 7, 1850.

*Tinea ammanella*, *Hüb.* 388, 1816.

*Adela ammanella*, *Treit. E. S.* ix. 2, 125, 1833. *Zett. I. L.* 1008, 1840.

*Lampronia ammanella*, *Step. H.* iv. 362, pl. 41, f. 2, 1835.

*Tinea Merianella*, *Charp. (W. V.)* 165. *Z. g. S.* 226, 1821.

Var. ? *Adela ammanella*, *Dup. L. F.* xi. 404, pl. 302, f. 8, 1838.

? *Tinea aureatella*, *Scop. F. C.* 254, 662, 1763. *Goëze, E. B.* iii. 4, 149, 192, 1783. *Vill. E. L.* ii. 513, 1011, 1789.

? *Tinea Merianella*, *W. V.* 143, 31, 1776.

*Wood, I. E.* f. 1601.

## 6. MICROPTERYX TUNBERGELLA.

B. M.

*Tinea Tunbergella*, *Fab. Man.* ii. 253, 131, 1787.

*Tinea Thunbergella*, *Gmel. S. N.* i. 5, 2605, 1263, 1788. *Vill. E. L.* iv. 548, 1789.

*Tinea rubrifasciella*, *Haw. L. B.* 572, 1829.

*Micropteryx rubrifasciella*, *Sta. Ent. Trans.* i. n. s., 32, pl. 3, f. 9, 1850. *Zell. L. E.* v. 334, 1851.

*Adela Anderschella*, *Treit. E. S.* ix. 2, 126, 1833. *Dup. L. F.* xi. 403, pl. 302, f. 7, 1838.

*Micropteryx Anderschella*, *Lienig, Isis*, 1846, p. 275.

*Lampronia Hellwigella*, *Step. H.* iv. 361, 1835.

? *Tinea Thunbergella*, *Fab. E. S.* iii. 2, 326, 170, 1794. *Id. E. S. Sup.* 493, 71, 1798. *Turt. S. N.* iii. 2, 377, 1806.

? *Tinea purpurella*, *Cog. R.* 73, pl. 17, f. 13, 1801.

? *Tinea Anderschella*, *Hüb.* 352, 1816.

*Wood, I. E.* f. 1597.



## 7. MICROPTERYX PURPURELLA.

B. M.

*Tinea purpurella*, *Haw. L. B.* 571, 1829.*Lampronia purpurella*, *Step. H.* iv. 360, 1835.*Micropteryx purpurella*, *Sta. Ent. Trans.* i. n. s., 36, pl. 3, f. 15, 1860. *Zell. L. E.* v. 345, 1851.? *Tinea rubro-aurella*, *Haw. L. B.* 572, 1829.? *Lampronia rubro-aurella*, *Step. H.* iv. 360, 1835.? *Adela cicatricella*, *Zett. I. L.* 1008, 1840.

## 8. MICROPTERYX SALOPIELLA.

*Micropteryx Salopiella*, *Sta. I. B. Lep. Tin.* p. 44, 1854.

## 9. MICROPTERYX SEMIPURPURELLA.

B. M.

*Lampronia semipurpurella*, *Step. H.* iv. 359, 1835.*Micropteryx semipurpurella*, *Sta. Ent. Trans.* i. n. s., 34, pl. 3, f. 17, 1850.*Adela Solierella*, *Dup. L. F.* xi. 407, pl. 302, f. 11, 1838.? *Adela auripulverella*, *Evers. F. V. U.* 590, 1844.? *Micropteryx fastuosella*, *Zell. Isis*, 1846, p. 275.? *Micropteryx amentella*, *Zell. Ent. Ztg.* 1850, p. 63.? *Micropteryx semipurpurella*, *Zell. L. E.* v. 343, 1851.*Wood, I. E.* f. 1593.

## 10. MICROPTERYX UNIMACULELLA.

B. M.

*Adela unimaculella*, *Zett. I. L.* 1008, 1840.*Micropteryx unimaculella*, *Sta. Ent. Trans.* i. n. s., 37, pl. 3, f. 16, 1850.*Micropteryx purpurella*, var. *b.*, *Zell. L. E.* v. 345, 1851.? *Adela unipunctella*, *Dup. L. F.* xi. 374, pl. 302, f. 10, 1838.*Wood, I. E.* f. 1594.

## 11. MICROPTERYX SPARMANNELLA.

B. M.

*Tinea Sparmannella*, *Bosc, Lin. Trans.* i. 197, pl. 17, f. 6, 7, 1791. *Fab. E. S.* iii. 2, 324, 160, 1794. *Cog.* pl. 7, f. 13, 1800. *Turt. S. N.* iii. 2, 376, 1806. *Hüb.* 408, 1816.*Alucita Sparmannella*, *Fab. E. S. Sup.* 505, 16, 1798.

*Adela Sparmannella*, *Walck. F. P.* ii. 321, 1802. *Dup. L. F.* xi. 405, pl. 302, f. 9.

*Micropteryx Sparmannella*, *Zell. Isis*, 1839, p. 185. *Id. L. E.* v. 338, 1851. *Sta. Ent. Trans.* i. n. s., 35, pl. 3, f. 14, 1850.

*Tinea auropurpurella*, *Haw. L. B.* 572, 1829.

*Lampronia auropurpurella*, *Step. H.* iv. 360, 1835.

*Wood, I. E.* f. 1595.

## 12. MICROPTERYX SUBPURPURELLA.

B. M.

*Tinea subpurpurella*, *Haw. L. B.* 571, 1829.

*Lampronia subpurpurella*, *Step. H.* iv. 359, 1835.

*Micropteryx subpurpurella*, *Sta. Ent. Trans.* i. n. s., 33, pl. 3, f. 18, 1850. *Zell. L. E.* v. 341, 1851.

? *Adela Donzelella*, *Dup. L. F.* xi. 408, pl. 302, f. 12, 1838.

Var. ? *Micropteryx fastuosella*, *Zell. Isis*, 1839, p. 185. *Id. Isis*, 1847, p. 815. *Id. L. E.* v. 340, 1851. *Sta. Sup. Cat.* p. 3, 1851.

*Wood, I. E.* f. 1592.

## 12, (110, 466). NEMOPHORA.

*Nemophora*, *Hüb. V.* 417, 1817. *Dup. Cat.* 357, 1844. *Zell. L. E.* v. 347, 1850.

*Nematopogon*, *Zell. Isis*, 1839, p. 185.

*Alucita*, p., *Fab. E. S. Sup.* 502, 1796.

*Capillaria*, p., *Haw. L. B.* 519, 1829.

*Adela*, p., *Treit. E. S.* ix. 2, 112, 1833. *Curt. B. E.* fo. 463, 1833. *Step. H.* iv. 229, 1834. *Dup. L. F.* xi. 354, 1838. *Zett. I. L.* 1006, 1840.

## 1. NEMOPHORA SWAMMERDAMMELLA.

B. M.

*Phalæna* (*Tinea*) *Swammerdammella*, *Linn. S. N.* (10), 540, 284, 1758. *Id. F. S.* 1391, 1761. *Id. S. N.* (12), 895, 424, 1767.

*Alucita Swammerdammella*, *Fab. S. E.* 369, 13, 1775. *Id. S. I.* 308, 17, 1781. *Id. Man.* ii. 256, 23, 1787. *Id. E. S.* iii. 2, 338, 31, 1794. *Id. E. S. Sup.* 503, 3, 1798. *Rossi, F. E.* 210, 1243, 1790. *Cederh. F. I.* 259, 820, 1798.

*Tinea Swammerdammella*, *W. V.* 141, 2, 1776. *Müller*, *Z. D.* P. 136, 1585, 1776. *Goëze*, *E. B.* iii. 4, 113, 424, 1783. *Gmel. S. N.* i. 5, 2612, 424, 1788. *Vill. F. L.* ii. 484, 915, 1789. *Hüb.* 127, 410, 411, 1801, 1816. *Illig. (W. V.)* ii. 115, 1801. *Schr. F. B.* ii. 128, 1860, 1802. *Treit. Heulfs.* 406, 1834. *Reich. Schm.* 147, 1852.

*Adela Swammerdammella*, *Treit. E. S.* ix. 2, 149, 1833. *Step. H.* iv. 232, 1834. *Dup. L. F.* xi. 393, pl. 301, f. 11. *Zett. I. L.* 1008, 1840.

*Nematopogon Swammerdammellus*, *Sta. Cat.* p. 9, 1849.

*Nemophora Swammerdammella*, *Zell. L. E.* v. 348, 1851.

*Capillaria Swammerdami*, *Haw. L. B.* 522, 1829.

? *Adela Swammerdammella*, *Lat. H. N.* xiv. 254, 1802. *Lam. H. N.* iii. 549, 1816.

? *Tinea Swammerdammella*, *Turt. S. N.* iii. 2, 382, 1806. *Charp. (W. V.)* 153. *Z. g. S.* 214, 1821.

*Wood, I. E.* f. 1263.

## 2. NEMOPHORA SCHWARZIELLA.

B. M.

*Nematopogon Schwarziiellus*, *Zell. Isis*, 1839, p. 185. *Sta. Cat.* p. 9, 1849.

*Adela Schwarziiella*, *H.-S. Tin.* 30, f. 213, 214, 1850.

*Nemophora Schwarziiella*, *Zell. L. E.* v. 351, 1851.

Var. *Nematopogon Sericinellus*, *Sta. Cat.* p. 9, 1849.

? *Phalæna (Tinea) Robertella*, *Lin. F. S.* 1394, 1761. *Id. S. N.* (12), 896, 428, 1767.

? *Alucita Robertella*, *Fab. S. E.* 669, 14, 1775. *Id. S. I.* ii. 308, 18, 1781. *Id. Man.* ii. 256, 25, 1787. *Id. E. S.* iii. 2, 339, 34, 1794. *Id. E. S. Sup.* 503, 7, 1798.

? *Tinea Robertella*, *W. V.* 142, 8, 1776. *Goëze*, *E. B.* iii. 4, 116, 429, 1783. *Gmel. S. N.* i. 5, 2614, 429, 1788. *Vill. E. L.* ii. 486, 920, 1789. *Illig. (W. V.)* ii. 116, 1801. *Turt. S. N.* iii. 2, 382, 1806.

? *Capillaria Panzeri*, *Haw. L. B.* 522, 1829.

? *Capillaria pilea*, *Haw. L. B.* 522, 1829.

? *Adela Panzerella*, *Step. H.* iv. 232, 1834. *Dup. L. F.* xi. 391, pl. 301, f. 10, 1838.

*Wood, I. E.* f. 1264.

## 3. NEMOPHORA CARTERI.

*Nemophora Carteri*, *Sta. I. B. Lep. Tin.* p. 47, 1854.

## 4. NEMOPHORA PILELLA.

- Tinea pilella*, *W. V.* 142, 6, 1776. *Goëze, E. B.* iii. 4, 138, 115, 1783. *Gmel. S. N.* i. 5, 2612, 1287, 1788. *Vill. E. L.* iv. 545, 1789. *Hüb.* 235, 1801. *Illig. (W. V.)* ii. 115, 1801. *Turt. S. N.* iii. 2, 382, 1806. *Charp. (W. V.)* 155. *Z. g. S.* 216, 1821.
- Alucita pilella*, *Fab. Man.* ii. 256, 24, 1787. *Id. E. S.* iii. 2, 339, 33, 1794. *Id. E. S. Sup.* 503, 6, 1798.
- Adela pilella*, *Treit. E. S.* ix. 2, 153, 1833. *H.-S. Tin.* 30, f. 217, 1850.
- Nematopogon pilellus*, *Zell. Isis*, 1839, p. 180. *Sta. Sup. Cat.* p. 3, 1851.
- Nemophora pilella*, *Zell. L. E.* v. 355, 1851.
- ? *Adela pilella*, *Dup. L. F.* xi. 387, pl. 301, f. 8, 1838. *Zett. I. L.* 1008, 1840.

## 5. NEMOPHORA METAXELLA.

B. M.

- Tinea Metaxella*, *Hüb.* 413, 1816.
- Adela Metaxella*, *Treit. E. S.* ix. 2, 152, 1833. *Dup. L. F.* xi. 395, pl. 301, f. 12, 1838.
- Nematopogon Metaxellus*, *Zell. Isis*, 1839, p. 186. *Sta. Cat.* p. 9, 1849.
- Nemophora Metaxella*, *Zell. L. E.* v. 357, 1851.
- ? *Adela Robertella*, *Step. H.* iv. 232, 1834.
- ? *Adela Metaxella*, *Evers. F. V. U.* 594, 1844.

## 13, (111, 467). ADELA.

- Adela*, *Lat. H. N.* xiv. 253, 1805. *Id. Gen. Cr. et I.* iv. 224, 1809. *Zell. Isis*, 1839, p. 185. *Id. L. E.* vii. 333, viii. 1, 1852, 1853.
- Alucita*, *Lat. R. A.* iii. 580, 1817.
- Alucita*, p., *Fab. E. S. Sup.* 502, 1796.
- Capillaria*, p., *Haw. L. B.* 519, 1829.
- Adela*, p., *Treit. E. S.* ix. 2, 112, 1833. *Curt. B. E.* fo. 463, 1833. *Step. H.* iv. 229, 1834. *Dup. L. F.* xi. 354, 1838. *Id. Cat.* 356, 1844. *Zett. I. L.* 1006, 1840.
- Eutyphia et Nemotois*, p., *Hüb. V.* 416, 1816.

## 1. ADELA FIBULELLA.

B. M.

*Tinea Fibulella*, *W. V.* 143, 33, 1776. *Goëze, E. B.* iii. 4, 139, 130, 1783. *Gmel. S. N.* i. 5, 2605, 1267, 1788. *Vill. E. L.* iv. 543, 1789. *Illig. (W. V.)* ii. 123, 1801. *Turt. S. N.* iii. 2, 378, 1806.

*Adela Fibulella*, *Dup. L. F.* xi. 370, pl. 300, f. 9, 10, 1838. *H.-S. Tin.* 34, f. 236, 237, 1850. *Zell. Ent. Ztg.* 1850, p. 134. *Id. L. E.* viii. p. 3, 1853.

*Capillaria Frischii*, *Haw. L. B.* 521, 1829.

? *Tinea Fibulella*, *Fab. Man.* ii. 253, 136, 1787. *Id. E. S.* iii. 2, 328, 178, 1794.

? *Adela Latreillella*, *Step. H.* iv. 229, 1834. *Wood, I. E.* f. 1602.

## 2. ADELA RUFIMITRELLA.

B. M.

*Phalæna rufimitrella*, *Scop. F. C.* 251, 649, 1763.

*Tinea rufimitrella*, *Goëze, E. B.* iii. 4, 147, 180, 1783. *Vill. E. L.* ii. 511, 1000, 1789.

*Adela rufimitrella*, *Zell. L. E.* viii. 12, 1853.

*Phalæna (Tinea) Frischella*, *Gesen. Encycl.* 217, 22, 1786.

*Tinea Frischella*, *Hüb.* 425, 426, 1816. *Z. g. S. (Charp. W. V.)* 204, 1821.

*Adela Frischella*, *Treit. E. S.* ix. 2, 137, 1833. *Dup. L. F.* xi. 375, pl. 301, f. 3, 1838. *Zell. Isis*, 1839, p. 186. *Id. Ent. Ztg.* 1850, p. 135.

? *Alucita Calthella*, *Fab. Man.* ii. 256, 28, 1787.

? *Alucita Frischella*, *Rossi, F. E.* ii. 209, 1241, 1790. *Fab. E. S.* iii. 2, 339, 35, 1794. *Id. E. S. Sup.* 504, 10, 1798. *Cederh. F. I.* 360, 821, 1798.

? *Adela Frischella*, *Walck. F. P.* ii. 321, 1802.

? *Tinea Frischella*, *Turt. S. N.* iii. 2, 382, 1806.

? *Adela Reaumurella*, *Step. H.* iv. 231, 1834.

Var. ? *Adela Frischella*, var., *H.-S. Tin.* 32, f. 224, 1850.

Var. ? *Adela purpuratella*, *H.-S. Tin.* 37, f. 250, 251, 1851. *Wood, I. E.* f. 1259.

## 3. ADELA SULZELLA.

B. M.

*Tinea Sulzella*, *W. V.* 143, 24, 1776. *Hüb.* 121, 1801. *Illig. (W. V.)* ii. 119, 1801. *Charp. (W. V.)* 158. *Z. g. S.* 220, 1821.

- Adela Sulzella*, *Treit. E. S.* ix. 2, 132, 1833. *Step. H.* iv. 229, 1834. *Dup. L. F.* xi. 364, pl. 300, f. 7, 1838. *Evers. F. V. U.* 591, 1844.
- Capillaria Sultzii*, *Haw. L. B.* 520, 1829.
- Adela Sulzeriella*, *H.-S. Tin.* 32, f. 227, 1850, *Zell. L. E.* viii. 25, 1853.
- Tinea Podaella*, *Vill. E. L.* ii. 485, 919, 1789.
- Phalæna Podaella*, *Don. B. I.* viii. 267, 1799.
- Tinea Podella*, *Turt. S. N.* iii. 2, 382, 1806.
- ? *Phalæna Degeerella*, *Scop. F. C.* 251, 647, 1763.
- ? *Phalæna (Tinea) Podaella*, *Linn. S. N.* (12), 896, 428, 1767.
- ? *Alucita Podaella*, *Fab. S. E.* 670, 16, 1775. *Id. Man.* ii. 257, 31, 1787. *Id. E. S.* iii. 2, 341, 42, 1794.
- ? *Tinea Podaella*, *Gmel. S. N.* i. 5, 2614, 428, 1788.
- ? *Tinea Sulzerella*, *Gmel. S. N.* i. 5, 2614, 427, 1788.
- ? *Alucita Sulzella*, *Fab. E. S.* iii. 2, 341, 41, 1794. *Id. E. S. Sup.* 504, 9, 1798.
- ? *Adela Sulzella*, *Walck. F. P.* ii. 321, 1802.
- ? *Tinea Sulzella*, *Turt. S. N.* iii. 2, 382, 1806.
- ? *Sphinx fasciata*, *Esper, Naturf.* xxv. 49, pl. 2, f. 3, 1791. *Wood, I. E.* f. 1255.

## 4. ADELA DEGEERELLA.

B. M.

- Phalæna (Tinea) Degeerella*, *Lin. F. S.* 1393, 1761. *De Geer*, ii. 1, 487, 1771. *Brahm. I. K.* 539, 401, 1791.
- Tinea Degeerella*, *Müll. F. F.* 56, 497, 1764. *Id. Z. D. P.* 136, 1587, 1776. *Goëze, E. B.* iii. 4, 114, 426, 1783. *Fourc. E. P.* 328, 29, 1785. *Gmel. S. N.* i. 5, 2613, 426, 1788. *Vill. E. L.* ii. 484, 917, 1789. *Illig. (W. V.)* ii. 120, 1801. *Schr. F. B.* ii. 130, 1865, 1802. *Turt. S. N.* iii. 2, 382, 1806. *Charp. (W. V.)* 159. *Z. g. S.* 221, 1821. *Treit. Heulfs.* 405, 1834. *Reich. Schm.* 147, 1852.
- Alucita Degeerella*, *Fab. S. E.* 669, 15, 1775. *Id. S. I.* ii. 309, 20, 1781. *Id. E. S.* iii. 2, 340, 40, 1794. *Id. E. S. Sup.* 504, 8, 1798. *Rossi, F. E.* ii. 209, 1238, 1790. *Cederh. F. I.* 260, 823, 1798. *Lat. R. A.* iii. 580, 1817.
- Phalæna Degeerella*, *Don. B. I.* viii. 267, 1799.
- Adela Degeerella*, *Walck. F. P.* ii. 321, 1802. *Lat. H. N.* xiv. 253, 1802. *Lam. H. N.* iii. 549, 1816. *Treit. E. S.* ix. 2, 131, x. 3, 207, 1833, 1835. *Step. H.* iv. 230, 1834. *F. v. R.* 189, pl. 66, pl. 67, f. 1, 1838. *Dup. L. F.* xi. 360, pl. 300,

- f. 1, 2, 1838. *Zell. Isis*, 1839, p. 331. *Id. L. E.* viii. 30, 1853.  
*Zett. I. L.* 1007, 1840. *Evers. F. V. U.* 591, 1844. *V. de*  
*Hoev. Handb.* 382, 1850.
- Tinea* Geerella, *Hüb.* 130, 446, 1801, 1822.  
*Capillaria* Degeerii, *Haw. L. B.* 519, 1829.  
*Phalæna* Cræsella, *Scop. F. C.* 251, 648, 1763.  
*Tinea* Cræsella, *Goëze, E. B.* iii. 4, 146, 179, 1783.  
*Alucita* striatella, *Fab. S. I.* ii. 310, 24, 1781. *Id. Man.* ii.  
 257, 37, 1787.  
*Tinea* striatella, *Goëze, E. B.* iii. 4, 159, 246, 1783. *Vill. E.*  
*L.* ii. 506, 984, 1789.  
*Tinea* striella, *Gmel. S. N.* i. 5, 209, 1238, 1788.  
*Phalæna* phryganoides, *Retz. G. & S.* 53, 158, 1783.  
*Tinea* Debornella, \**Scop. Ann. 5. Hist. Nat.* 118, 137. *Goëze,*  
*E. B.* iii. 4, 150, 201, 1783.  
*Alucita* Sulzella, *Fab. Man.* ii. 257, 32, 1787.  
 ? *Phalæna* (*Tinea*) Degeerella, *Linn. S. N.* (10), 540, 286,  
 1758. *Id. S. N.* (12), 895, 426, 1767. *Geof. H. A.* ii. 193,  
 29, 1762.  
 ? *Alucita* Degeerella, *Fab. Man.* ii. 257, 30, 1787.  
 ♀ ? *Phalæna* (*Tinea*) Sultzella, *Linn. S. N.* (12), 896, 427, 1767.  
 ♀ ? *Tinea* Sultzella, *Goëze, E. B.* iii. 4, 115, 427, 1783. *Vill.*  
*E. L.* ii. 484, 917, 1789. *Schr. F. B.* ii. 130, 1866, 1802.  
*De Geer.* i. 541, pl. 32, f. 13, 1752.  
*Wood, I. E.* f. 1256.

## 5. ADELA VIRIDELLA.

B. M.

- Phalæna* viridella, *Scop. F. C.* 250, 645, 1763.  
*Tinea* viridella, *W. V.* 142, 4, 1776. *Goëze, E. B.* iii. 4, 146,  
 177, 1783. *Gmel. S. N.* i. 5, 2613, 1288, 1788. *Vill. E.*  
*L.* ii. 509, 997, 1789. *Charp. (W. V.)* 155. *Z. g. S.* 215,  
 1821.  
*Phalæna* (*Tinea*) viridella, *Gesen. Encycl.* 211, 5, 1786.  
*Nemotois* viridella, *Hüb. V.* 417, 1816.  
*Adela* viridella, *Treit. E. S.* ix. 2, 148, 1833. *Step. H.* iv.  
 231, 1834. *Zell. Isis*, 1839, p. 187. *Id. Isis*, 1847, p. 816.  
*Id. L. E.* viii. 37, 1853. *Evers. F. V. U.* 594, 1844. *H.-S.*  
*Tin.* 31, f. 218, 1850.  
*Capillaria* viridis, *Haw. L. B.* 520, 1829.  
*Alucita* vindella, *Fab. Man.* ii. 257, 33, 1787. *Id. E. S.* iii.  
 2, 341, 43, 1794. *Id. E. S. Sup.* 503, 4, 1798.

- Tinea vindella*, *Vill. E. L.* iv. 546, 1789. *Turt. S. N.* iii. 2, 383, 1806.  
*Tinea Sphingiella*, *Hüb.* 129, 1801.  
*Tinea Frischella*, *Illig. (W. V.)* ii. 108, 1801.  
*Adela Reaumurella*, *Dup. L. F.* xi. 384, pl. 301, f. 5, 6, 1838.  
 ? *Phalæna Reaumurella*, \**Clerck, I.* pl. 12, f. 2, 1759.  
 ? *Phalæna (Tinea) Reaumurella*, *Geof. H. A.* ii. 193, 28, 1762.  
 ? *Tinea Reaumurella*, *Fourc. E. P.* 328, 28, 1785.  
 ? *Phalæna (Tinea) viridella*, *Brahm, I. K.* 419, 295, 1791.  
 ? *Tinea viridella*, *Illig. (W. V.)* ii. 115, 1801.  
*Wood, I. E.* f. 1261.

## 6. ADELA CUPRELLA.

- Alucita cuprella*, *Fab. Man.* ii. 257, 35, 1787. *Id. E. S.* iii. 2, 342, 45, 1794. *Id. E. S. Sup.* 505, 14, 1798.  
*Tinea cuprella*, *Gmel. S. N.* i. 5, 2612, 1389, 1788. *Vill. E. L.* iv. 546, 1789. *Illig. (W. V.)* ii. 130, 1801. *Turt. S. N.* iii. 2, 383, 1806. *Charp. (W. V.)* 163, 1821.  
*Adela cuprella*, *Treit. E. S.* ix. 2, 144, 1833. *Dup. L. F.* xi. 380, pl. 301, f. (4 ?) 7, 1838. *Zell. Isis*, 1839, p. 187. *Id. L. E.* viii. 42, 1853. *Evers. F. V. U.* 593, 1844. *Lienig, Isis*, 1846, p. 275. *Sta. Cat.* p. 10, 1849. *H.-S. Tin.* 31, f. 219, 1850.  
 ♂ *Adela xneella*, *Zett. I. L.* 1007, 1840.  
 ♀ *Adela crinitella*, *Zett. I. L.* 1007, 1840.  
 ? *Phalæna (Tinea) Reaumurella*, *Linn. S. N.* (10), 540, 285, 1758. *Id. F. S.* 1392, 1761. *Id. S. N.* (12), 895, 425, 1767.  
 ? *Alucita Reaumurella*, *Fab, S. E.* 670, 17, 1775. *Id. S. I.* ii. 309, 22, 1781. *Id. Man.* ii. 257, 34, 1787. *Id. E. S.* iii. 2, 342, 44, 1794. *Id. E. S. Sup.* 502, 1, 1798. *Roemer*, 77, pl. 23, f. 16, 1789. *Rossi, F. E.* ii. 209, 1240, 1790. *Cederh. F. I.* 260, 824, 1798. *Lat. R. A.* iii. 580, 1817.  
 ? *Tinea Reaumurella*, *Müll. Z. D. P.* 136, 1586, 1776. *Goëze, E. B.* iii. 4, 114, 425, 1783. *Gmel. S. N.* i. 5, 2602, 425, 1788. *Vill. E. L.* ii. 484, 916, 1789. *Illig. (W. V.)* ii. 120, 1801. *Schr. F. B.* ii. 131, 1867, 1802. *Turt. S. N.* iii. 2, 383, 1806.  
 ? *Adela Reaumurella*, *Walck. F. P.* ii. 321, 1802. *Lat. H. N.* xiv. 254, 1802. *Lam. H. N.* iii. 549, 1816.



- ? *Tinea bracteella*, *W. V.* 136, 44, 1776. *Goëze, E. B.* iii. 4, 131, 43, 1783. *Illig. (W. V.)* ii. 94, 1801.  
 ? *Tinea cuprella*, *W. V.* 320, 44, 1776. *Hüb.* 185, 1801.  
 ? *Adela cuprella*, *Step. H.* iv. 230, 1834.

#### 14, (112, 468). NEMOTOIS.

- Nemotois*, *Zell. Isis*, 1839, p. 187. *Id. L. E.* vii. 383, viii. 46, 1852, 1853. *Dup. Cat.* 357, 1844.  
*Alucita*, p., *Fab. E. S. Sup.* 502, 1796.  
*Capillaria*, p., *Haw. L. B.* 519, 1829.  
*Adela*, p., *Treit. E. S.* ix. 2, 112, 1833. *Curt. B. E.* fo. 463, 1833. *Step. H.* iv. 229, 1834. *Dup. L. F.* xi. 354, 1839. *Zett. I. L.* 1006, 1840.  
*Epityphia et Nemotois*, p., *Hüb. V.* 416, 1816.

#### 1. NEMOTOIS SCABIOSELLUS.

B. M.

- Phalæna Scabiosella*, *Scop. F. C.* 250, 644, 1763.  
*Tinea Scabiosella*, *Goëze, E. B.* iii. 4, 146, 176, 1783. *Vill. E. L.* ii. 509, 996, 1789. *Treit. Heulfs.* 405, 1834.  
*Adela Scabiosella*, *Treit. E. S.* ix. 2, 146, 1833. *Dup. L. F.* xi. 382, pl. 300, f. 1, 2, 1838. *Zett. I. L.* 1007, 1840. *Bert. L. Bon.* 202, 1844. *Evers. F. V. U.* 593, 1844. *H.-S. Tin.* 33, f. 229, 34, f. 239, 1850.  
*Nemotois Scabiosellus*, *Lienig, Isis*, 1846, p. 275. *Zell. L. E.* viii. 47, 1853.  
*Tinea Reaumurella*, *Charp. (W. V.)* 159, 1821.  
*Capillaria cuprea*, *Haw. L. B.* 521, 1829.  
*Adela Frischella*, *Curt. B. E.* fo. 463, 1833. *Step. H.* iv. 231, 1834.  
*Nemotois ærosellus*, *Zell. Ent. Ztg.* 1850, p. 140.  
 Var. ? *Nemotois ærosellus*, *H.-S. Tin.* 37, f. 256, 1851.  
 ? *Tinea Reaumurella*, *W. V.* 143, 26, 1776.  
 ? *Nemotois Reaumurella*, *Hüb. V.* 417, 1816.  
 ? *Tinea Frischella*, *Schr. F. B.* ii. 123, 1846, 1802.  
 ? *Tinea viridella*, *Hüb.* 128, 1801.  
*Wood, I. E.* f. 1262.

## 2. NEMOTOIS CUPRIACELLUS.

*Tinea cupriacella*, *Hüb.* 445, 1822.

*Nemotois cupriacellus*, *Zell. L. E.* viii. 57, 1853.

*Adela cypriacella*, *Dup. L. F. Sup.* iv. 494, pl. 88, f. 2, 1842.

*H.-S. Tin.* 31, f. 220, ♀, 37, f. 252, ♂, 1850, 1851.

? *Adela cypriacella*, *Treit. E. S.* ix. 2, 145, 1833. *Evers. F. V. U.* 593, 1844.

## 3. NEMOTOIS FASCIELLUS.

B. M.

*Alucita fasciella*, *Fab. S. E.* 670, 18, 1775. *Id. S. I.* ii. 310, 23, 1781. *Id. Man.* ii. 257, 36, 1787. *Id. E. S.* iii. 2, 342, 46, 1794. *Id. E. S. Sup.* 505, 15, 1798.

*Tinea fasciella*, *Goëze, E. B.* iii. 4, 158, 240, 1783. *Vill. E. L.* ii. 505, 983, 1789. *Turt. S. N.* iii. 2, 383, 1806.

*Adela fasciella*, *Step. H.* iv. 230, 1834.

*Capillaria fasciella*, *Haw. L. B.* 520, 1829.

*Tinea Schiffermüllerella*, *W. V.* 142, 20, 1776. *Goëze, E. B.* iii. 4, 139, 124, 1783. *Hüb.* 132, 1801. *Illig. (W. V.)* ii. 118, 1801. *Charp. (W. V.)* 158, 1821. *Treit. Heulfs.* 405, 1834.

*Adela Schiffermüllerella*, *Treit. E. S.* ix. 2, 135, 1833. *Dup. L. F.* xi. 377, pl. 300, f. 11, 1838. *Evers. F. V. U.* 592, 1844. *H.-S. Tin.* 33, f. 233, 1850.

*Nemotois Schiffermüllerellus*, *Zell. L. E.* viii. 69, 1853.

? *Phalæna barbatella*, *Scop. F. C.* 251, 646, 1763.

? *Tinea barbatella*, *Goëze, E. B.* iii. 4, 146, 178, 1783. *Vill. E. L.* ii. 510, 998, 1789.

? *Tinea fasciella*, *Gmel. S. N.* i. 5, 2612, 1290, 1788.

*Wood, I. E.* f. 1257.

## 4. NEMOTOIS MINIMELLUS.

*Nemotois minimellus*, *Sta. Cat.* p. 10, 1849. *Zell. L. E.* viii. 76, 1853.

? *Adela minimella*, *H.-S. Tin.* 38, f. 235, 1850.

Var. ♂ ? *Adela Dumerilella*, *Sta. Cat.* p. 10, 1849.

•

### Fam. III. HYPONOMEUTIDÆ.

Hyponomeutidæ, *Sta. I. B. Lep. Tin.* p. 53, 1854.

#### 1, (113, 469). SWAMMERDAMIA.

Swammerdamia, *Sta. I. B. Lep. Tin.* p. 54, 1854.

Erminea, p., *Haw. L. B.* 512, 1829.

Lita, p., *Treit. E. S.* ix. 2, 155, 1833.

Telea, p., *Step. H.* iv. 244, 1834.

Tinea, p., *Dup. L. F.* xi. 81, 1838. *Id. Cat.* 364, 1844. *Zell. Isis*, 1839, p. 182.

Mompha, p.; Tebenna, p., et Swammerdamia, p., *Hüb. V.* 414, 425, 1816.

#### 1. SWAMMERDAMIA APICELLA.

B. M.

Phalæna apicella, *Don. B. I.* ii. pl. 57, 1792, 1804.

Tinea comptella, *Hüb.* 89, 1801. *Zell. Isis*, 1839, p. 184.

*H.-S. Tin.* 41, f. 282, 1850.

Telea comptella, *Step. H.* iv. 246, 1834.

Erminea compta, *Haw. L. B.* 515, 1829.

Elachista aurofinitella, *Dup. L. F. Sup.* iv. 516, pl. 89, f. 11, 1842.

*Wood, I. E.* f. 1291.

#### 2. SWAMMERDAMIA CÆSIELLA.

B. M.

Tinea cæsiella, *Hüb.* 172, 360, (260), 1801, 1816. *Lienig, Isis*, 1846, p. 274. *H.-S. Tin.* 47, f. 326, 1851.

Swammerdamia Heroldella, *Hüb. V.* 425, 1817.

Lita Heroldella, *Treit. E. S.* ix. 2, 97, x. 3, 199, 1833, 1835.

*F. v. R.* 20, pl. 13, 1835.

Tinea Heroldella, *Dup. L. F.* xi. 109, pl. 289, f. 5, 1838.

Erminea lutarea, var.  $\gamma$ , *Haw. L. B.* 515, 1829.

? Telea lutarella, *Step. H.* iv. 246, 1834.

? Tinea Oxyacanthella, *Dup. L. F. Sup.* iv. 205, pl. 67, f. 9, 1842.

? *Argyresthia tetrapodella* (Larva), *Lienig, Isis*, 1846, p. 294.

*Wood, I. E.* f. 1293.

## 3. SWAMMERDAMIA GRISEOCAPITELLA.

B. M.

*Tinea griseocapitella*, *Sta. Sup. Cat.* p. 3, 1851.  
 ? *Tinea Oxyacanthella*, *H.-S. Tin.* 47, f. 327, 1851.

## 4. SWAMMERDAMIA LUTAREA.

B. M.

*Erminea lutarea*, *Haw. L. B.* 515, 1829.  
*Tinea Oxyacanthella*, *Sta. Cat.* p. 8, 1849.  
 ? *Tinea compunctella*, *H.-S. Tin.* 47, f. 325, 1851.

## 5. SWAMMERDAMIA PYRELLA.

B. M.

*Tinea Pyrella*, *Vill. E. L.* ii. 515, 1020, 1789.  
*Tinea cerasiella*, *Hüb.* 332, 1816. *Dup. L. F.* xi. 105, pl. 287, f. 6, 1838. *H.-S. Tin.* 47, f. 328, 1851.  
*Lita cerasiella*, *Treit. E. S.* x. 3, 200, 1835. *F. v. R.* 21, pl. 14, 1835.  
*Tinea cæsiella*, *Hüb. Larvæ*, iii.  
*Erminea cæsia*, *Haw. L. B.* 516, 1829.  
 ? *Telea cæsiella*, *Step. H.* iv. 247, 1834.  
*Phalæna pelicaria pyri*, *Retz. G. & S.* 54, 167, 1783.  
*De Geer*, i. 388, pl. 25, f. 8—16, 1752.  
*De Geer*, ii. 1, 491, 1771.  
*Wood, I. E.* f. 1294.

## 2, (114, 470). SCYTHROPIA.

*Scythropia*, *Sta. I. B. Lep. Tin.* p. 57, 1854.  
*Scythropia*, p., *Hüb. V.* 414, 1816.  
*Yponomeuta*, p., *Treit. E. S.* ix. 1, 208, 1832.  
*Telea*, p., *Step. H.* iv. 244, 1834.  
*Tinea*, p., *Dup. L. F.* xi. 81, 1838. *Id. Cat.* 364, 1844. *Zell. Isis*, 1839, p. 182.

## 1. SCYTHROPIA CRATÆGELLA.

B. M.

*Phalæna* (*Tinea*) *Cratægella*, *Linn. S. N.* (12), 886, 353, 1767.

- Tinea Cratægella*, *W. V.* 142, 7, 1776. *Goëze*, *E. B.* iii. 4, 83, 353, 1783. *Fab. Man.* ii. 245, 49, 1787. *Id. E. S.* iii. 2, 302, 66, 1794. *Gmel. S. N.* i. 5, 2587, 353, 1788. *Vill. E. L.* ii. 457, 844, 1789. *Hüb.* 257, 1801. *Illig. (W. V.)* ii. 116, 1801. *Turt. S. N.* iii. 2, 368, 1806. *Charp. (W. V.)* 155. *Z. g. S.* 217, 1821. *Dup. L. F.* xi. 103, pl. 289, f. 8, 1838. *Zell. Isis*, 1844, p. 235.
- Yponomeuta Cratægella*, *Godart, L. F.* v. 37, pl. 44, f. 3, 1824. *Treit. E. S.* ix. 1, 231, 1832. *Freyer, N. B.* ii. 120, pl. 168, f. 3, 1836.
- Telea Cratægella*, *Step. H.* iv. 245, 1834.
- ? *Tinea reticulella*, *Hüb.* 171, 1801.
- Wood, I. E.* f. 1289.

### 3, (115, 471). HYPONOMEUTA.

- Hyponomeuta*, *Zell. Isis*, 1844, p. 199.
- Yponomeuta*, *Lat. R. A.* iii. 579, 1817. *Step. H.* iv. 242, 1834. *Dup. L. F.* x. 317, 1836. *Id. Cat.* 327, 1844. *Zell. Isis*, 1839, p. 194.
- Nygmia*, *Hüb. V.* 412, 1816.
- Yponomeuta*, p., *Lat. H. N.* xiv. 250, 1802. *Id. G. C. & I.* 222, 1809. *Treit. E. S.* ix. 1, 208, 1832.
- Erminea*, p., *Haw. L. B.* 512, 1812, 1829.

#### 1. HYPONOMEUTA VIGINTIPUNCTATUS.

B. M.

- Phalæna vigintipunctata*, *Retz. G. & S.* 52, 153, 1783.
- Hyponomeuta vigintipunctatus*, *Zell. Isis*, 1844, p. 210.
- Yponomeuta Sedella*, *Treit. E. S.* ix. 1, 223, x. 3, 176, 1832, 1835. *Dup. L. F.* x. 321, pl. 285, f. 8. *Step. Zool.* 1844, p. 687. *Id. Ent. Trans.* iv. Proc. 106, 1846. *Sta. Zool.* 1848, p. 2272.
- Yponomeuta Sedellus*, *Zell. Isis*, 1838, p. 672. *Id. Isis*, 1839, p. 327.
- Hyponomeuta Sedellus*, *Richter, Ent. Ztg.* 1850, p. 26.
- De Geer*, ii. 1, 479, pl. 10, f. 14—16, 1771.

#### 2. HYPONOMEUTA PLUMBELLUS.

B. M.

- Tinea plumbella*, *W. V.* 139, 34, 1776. *Goëze*, *E. B.* iii. 4, 135, 79, 1783. *Fab. Man.* ii. 240, 10, 1787. *Id. E. S.* iii. 2, 290, 14, 1794. *Id. E. S. Sup.* 482, 7, 1798. *Gmel.*

- S. N.* i. 5, 2587, 1200, 1788. *Vill. E. L.* iv. 535, 1789.  
*Hüb.* 86, 1801. *Id. Larvæ*, iii. *Illig. (W. V.)* ii. 105, 1801.  
*Turt. S. N.* iii. 2, 362, 1806. *Charp. (W. V.)* 140. *Z. g. S.*  
 193, 1821.  
*Yponomeuta plumbella*, *Godart, L. F.* v. 36, pl. 44, f. 2, 1824.  
*Treit. E. S.* ix. 1, 213, 1832. *Step. H.* iv. 244, 1834.  
*Dup. L. F.* x. 324, pl. 285, f. 9, 1836. *Evers. F. V. U.* 567,  
 1844. *Freyer, N. B.* v. 61, pl. 420, 1845.  
*Hyponomeuta plumbellus*, *Zell. Isis*, 1844, p. 212.  
*Erminea plumbea*, *Haw. L. B.* 514, 1829.  
*Tinea lentiginella*, *Schr. F. B.* ii. 119, 1802.  
*Wood, I. E.* f. 1286.

## 3. HYPONOMEUTA IRRORELLUS.

B. M.

- Tinea irrorella*, *Hüb.* 93, 1801.  
*Yponomeuta irrorella*, *Godart, L. F.* v. 35, pl. 40, f. 1, 1824.  
*Treit. E. S.* ix. 1, 222, 1832. *Step. H.* iv. 242, 1834.  
*Dup. L. F.* x. 339, pl. 286, f. 5, 1836.  
*Hyponomeuta irrorellus*, *Zell. Isis*, 1844, p. 213.  
*Erminea irrorea*, *Haw. L. B.* 512, 1812.

## 4. HYPONOMEUTA PADELLUS.

B. M.

- Phalæna (Tinea) padella*, *Linn. S. N.* (10), 535, 240, 1758.  
*Id. F. S.* 1364, 1761. *Id. S. N.* (12), 885, 351, 1767.  
*Gesen. Encycl.* 211, 4, 1786. *Schwarz, R. K.* 474, 488, 1791.  
*Phalæna padella*, *Scop. F. C.* 247, 632, 1763. *Don. B. I.* (2),  
 i. pl. 9, 1804.  
*Tinea padella*, *Fab. S. E.* 656, 5, 1775. *Id. S. I.* ii. 290, 7,  
 1781. *Id. Man.* ii. 240, 9, 1787. *Id. E. S.* iii. 2, 290, 13,  
 1794. *Id. E. S. Sup.* 482, 6, 1798. *Göeze, E. B.* iii. 4,  
 81, 351, 1783. *Gmel. S. N.* i. 5, 2586, 351, 1788. *Hüb.*  
 87, 393, 394, 395, 1801, 1816. *Hüb. Larvæ*, iii. *Schr. F.*  
*B.* ii. 118, 1831, 1802. *Walck. F. P.* ii. 317. *Turt. S. N.*  
 iii. 2, 362, 1806.  
*Yponomeuta padella*, *Lat. H. N.* xiv. 250, 1802. *Lam. H. N.*  
 iii. 545, 1816. *Step. H.* iv. 243, 1834. *Lewis, Ent. Trans.*  
 i. 21, 1834. *Dup. L. F.* x. 333, pl. 286, f. 3, 1836. *Freyer,*  
*N. B.* iv. 156, pl. 378, f. 2, 1842. *Guenée, I. M. E.* 104,  
 1845.

- Hyponomeuta padella*, *Ratz. F. I.* ii. 248, pl. 16, f. 1, 1840.  
*Yponomeuta padellus*, *Zell. Isis*, 1838, p. 637, 672, 1838.  
*Tinea pedella*, *Vill. E. L.* ii. 466, 842, 1789.  
*Phalæna evonymella*, *Don. B. I.* (1), i. pl. 9, 1792.  
*Hyponomeuta variabilis*, *Zell. Isis*, 1844, p. 214.  
*?Tinea padella*, *Müller, F. F.* 55, 488, 1764. *Cederh. F. I.* 253, 796, 1798. *Illig. (W. V.)* 105, 1801.  
*?Yponomeuta padella*, *Lat. R. A.* iii. 579, 1817.  
*?Erminea padella*, *Haw. L. B.* 513, 1829.  
*?Erminea rorea*, *Haw. L. B.* 513, 1829.  
*?Tinea evonymella*, *Schott, R. K.* 303, 1830.  
*?Yponomeuta cognatella*, *Treit. E. S.* ix. 1, 220, 1832.  
*Bouché, Nat.* 129, 1834. *Bert. L. Bon.* 196, 1844. *V. de Hoev. Handb.* 382, 1850.  
*?Tinea cognatella*, *Bouché, Gart. Ins.* 116, 1833. *Treit. Heulfs.* 399, 1834.  
 Var. ? *Yponomeuta malivorella*, *Wing, Ent. Trans. v. Proc.* xxi. 1848.  
 Var. ? *Hyponomeuta malivorella*, *Sta. Cat.* p. 15, 1849.  
*Wood, I. E. f.* 1284, 1285.

## 5. HYPONOMEUTA EVONYMELLUS.

B. M.

- Phalæna Evonymella*, *Scop. F. C.* 246, 631, 1763.  
*Phalæna (Tinea) Evonymella*, *Brahm, I. K.* 304, 193, 1791.  
*Tinea Evonymella*, *Schr. F. B.* ii. 118, 1830, 1802.  
*Hyponomeuta Evonymi*, *Zell. Isis*, 1844, p. 223.  
*Tinea cagnagella*, *Hüb.* 391, 392, 1816.  
*Nygma cagnatella*, *Hüb. V.* 412, 1816.  
*Yponomeuta cognatella*, *Step. H.* iv. 243, 1834. *Dup. L. F.* x. 329, pl. 286, f. 2, 1836. *Freyer, N. B.* iv. 165, pl. 384, f. 2, 1842. *Evers. F. V. U.* 567, 1844. *Guenté, I. M. E.* 105, 1845.  
*Hyponomeuta cognatella*, *Ratz. F. I.* ii. 248, pl. 16, f. 3, 1840.  
*Yponomeuta cognatellus*, *Zell. Isis*, 1838, p. 636.  
*Yponomeuta Padella*, *Godart, L. F.* v. 31, pl. 43, f. 6, 7, 1824.  
*?Phalæna Evonymella*, *Sulzer, Kenn.* pl. 16, f. 99, 1761.  
*?Phalæna (Tinea) Evonymella*, *Schwarz, R. K.* 473, 487, 1791.  
*?Yponomeuta Evonymella*, *Lat. H. N.* xiv. 250, 1802.

- ? *Tinea Evonymella*, *Bouché, Gart. Ins.* 114, 1833.  
 ? *Tinea Padella*, *Schott, R. K.* 303, 1830.  
 ? *Yponomeuta Padella*, *Bouché, Nat.* 128, 1834.  
 ? *Yponomeuta rorella*, *Step. H.* iv. 243, 1834.  
*Wood, I. E.* f. 1283.

## 6. HYPONOMEUTA PADI.

B. M.

- Hyponomeuta Padi*, *Zell. Isis*, 1844, p. 225.  
*Tinea Evonymella*, *Hüb.* 88, 1801.  
*Yponomeuta Evonymella*, *Godart, L. F.* v. 33, pl. 43, f. 8, 1824. *Dup. L. F.* x. 326, pl. 286, f. 1, 1836. *Freyer, N. B.* iv. 166, pl. 384, f. 3, 1842. *Guenée, I. M. E.* 106, 1845.  
*Hyponomeuta Evonymella*, *Ratz. F. I.* ii. 248, pl. 16, f. 2, 1840.  
*Yponomeuta Evonymella*, *Evers. F. V. U.* 567, 1844.  
*Yponomeuta Evonymellus*, *Zell. Isis*, 1838, p. 636. *Id. Isis*, 1839, p. 194.  
 ? *Phalæna (Tinea) Evonymella*, *Linn. S. N.* (10), 534, 239, 1758. *Id. F. S.* 1363, 1761. *Id. S. N.* (12), 885, 351, 1767. *Gesen. Encycl.* 210, 3, 1786.  
 ? *Phalæna Evonymella*, *Sulzer, Kenn.* p. 40, 1761. *Don. B. I.* x. 355, 1801.  
 ? *Tinea Evonymella*, *Müller, F. F.* 55, 487, 1764. *Fab. S. E.* 656, 4, 1775. *Id. S. I.* ii. 290, 6, 1781. *Id. Man.* ii. 240, 8, 1787. *Id. E. S.* iii. 2, 289, 12, 1794. *Id. E. S. Sup.* 481, 5, 1798. *W. V.* 138, 18, 1776. *Goëze, E. B.* iii. 4, 80, 350, 1783. *Gmel. S. N.* i. 5, 2586, 350, 1788. *Vill. E. L.* ii. 456, 841, 1789. *Rossi, F. E.* ii. 204, 1215, 1790. *Cederh. F. I.* 253, 795, 1798. *Illig. (W. V.)* ii. 102, 1801. *Walck. F. P.* ii. 317, 1802. *Turt. S. N.* iii. 2, 362, 1806. *Treit. Heulfs.* 398, 1834.  
 ? *Erminea Evonymella*, *Haw. L. B.* 512, 1812.  
 ? *Yponomeuta Evonymella*, *Lam. H. N.* iii. 545, 1816. *Lat. R. A.* iii. 579, 1817. *Treit. E. S.* ix. 1, 216, 1832. *Bouché, Nat.* 127, 1834. *Step. H.* iv. 242, 1834.  
*Wood, I. E.* f. 1281.

## 4, (116, 472). ANESYCHIA.

*Anesychia*, *Step. H.* iv. 239, 1834.



*Yponomeuta*, p., *Treit. E. S.* ix. 1, 208, 1832. *Curt. B. E.* fo. 412, 1832.

*Ædia*, p., *Dup. L. F.* x. 306, 1836.

*Psecadia*, p., *Zell. Isis*, 1839, p. 194. *Id. Isis*, 1844, p. 228.

*Psecadia et Ædia*, p., *Dup. Cat.* 327, 328, 1844.

*Anesychia*, p., *Psecadia*, p. et *Disthymna*, p., *Hüb. V.* 413, 1816.

## 1. ANESYCHIA PUSIELLA.

B. M.

*Tinea pusiella*, *Roemer, G. I.* 22, pl. 23, f. 9, 1789. *Panzer, F. G.* 21.

*Yponomeuta pusiella*, *Godart, L. F.* v. 42, pl. 44, f. 7, 1824. *Curt. B. E.* fo. 412, 1832.

*Anesychia pusiella*, *Step. H.* iv. 240, pl. 39, f. 3, 1834.

*Ædia pusiella*, *Dup. L. F.* x. 307, pl. 285, f. 3, 1836.

*Tinea sequella*, *W. V.* 140, 66, 1776. *Illig. (W. V.)* ii. 109, 1801. *Charp. (W. V.)* 146. *Z. g. S.* 205, 1821.

*Tinea Lithospermella*, *Hüb.* 104, 1801. *Hüb. Larvæ*, iii. *Treit. Heulfs.* 398, 1834. *Reich. Schm.* 148, 1852.

*Yponomeuta Lithospermella*, *Treit. E. S.* ix. 1, 209, 1832.

*Yponomeuta Lithospermella*, *Evers. F. V. U.* 564, 1844.

*Psecadia scalella*, *Zell. Isis*, 1844, p. 230.

? *Phalæna scalella*, *Scop. F. C.* 253, 654, 1763.

? *Tinea scalella*, *Goëze, E. B.* iii. 4, 147, 184, 1783.

? *Tinea pusiella*, *Rossi, F. E.* 204, 1219, 1790. *Vill. E. L.* ii. 454, 839, 1789.

? *Tinea sequella*, *Fab. E. S.* iii. 2, 290, 15, 1794.

*Wood, I. E.* f. 1277.

## 2. ANESYCHIA BIPUNCTELLA.

B. M.

*Alucita bipunctella*, *Fab. S. E.* 668, 7, 1775. *Id. S. I.* ii. 307, 9, 1781. *Id. Man.* ii. 255, 11, 1787. *Id. E. S.* iii. 2, 334, 14, 1794.

*Tinea bipunctella*, *Goëze, E. B.* iii. 4, 157, 238, 1783. *Vill. E. L.* ii. 504, 980, 1789. *Fab. E. S. Sup.* 481, 3, 1798.

*Tinea bipunctatella*, *Gmel. S. N.* i. 5, 2610, 1278, 1788.

*Tinea Echiella*, *W. V.* 140, 54, 1776. *Goëze, E. B.* iii. 4, 136, 95, 1783. *Hüb.* 105, 1801. *Hüb. Larvæ*, iii. *Turt. S. N.* iii. 2, 383, 1806. *Charp. (W. V.)* 146, 1821. *Treit. Heulfs.* 398, 1834.

- Phalæna* (Tinea) *Echiella*, *Brahm*, *I. K.* 131, 65, 1791.  
*Preyßler*, (*Mayers*, *Ph. A.*), 73—82, f. 8, *a—e*, 1791.  
*Yponomeuta Echiella*, *Godart*, *L. F.* v. 44, pl. 44, f. 8, 1824.  
*Curt. B. E.* fo. 412, 1832. *Treit. E. S.* ix. 1, 211, x. 3,  
 175, 1832, 1835.  
*Anesychia Echiella*, *Step. H.* iv. 240, 1834.  
*Ædia Echiella*, *Dup. L. F.* x. 310, pl. 285, f. 2, 1836.  
*Psecadia Echiella*, *Zell. Isis*, 1844, p. 231. *Richter, Ent. Ztg.*  
 1850, p. 26.  
*Ypomeneuta Echiella*, *Evers. F. V. U.* 565, 1844.  
*Tinea Hochenwartiella*, *Rossi. F. E.* ii. 208, 1235, 1790.  
 ? *Tinea sequella*, *Vill. E. L.* ii. 457, 843, 1789. *Schr. F. B.*  
 ii. 124, 1849, 1802.  
*Wood, I. E.* f. 1278.

## 3. ANESYCHIA FUNERELLA.

B. M.

- Tinea funerella*, *Fab. Man.* ii. 247, 74, 1787. *Id. E. S.* iii. 2,  
 309, 98, 1794. *Id. E. S. Sup.* 483, 10, 1798. *Gmel. S. N.*  
 i. 5, 2595, 1234. 1788. *Vill. E. L.* iv. 544, 1789. *Hüb.*  
 85, 1801. *Turt. S. N.* iii. 2, 371, 1806.  
*Yponomeuta funerella*, *Godart, L. F.* v. 40, pl. 44, f. 5, 1824.  
*Treit. E. S.* ix. 1, 213, 1832.  
*Anesychia funerella*, *Step. H.* iv. 241, 1834.  
*Ædia funerella*, *Dup. L. F.* x. 313, pl. 285, f. 5, 1836.  
*Psecadia funerella*, *Zell. Isis*, 1844, p. 232.  
*Erminea funerea*, *Haw. L. B.* 515, 1829.  
*Wood, I. E.* f. 1280.

## 4. ANESYCHIA DECEMGUTTELLA.

B. M.

- Tinea decemguttella*, *Hüb.* 303, 1816.  
*Yponomeuta decemguttella*, *Treit. E. S.* ix. 1, 225, x. 3, 175,  
 1832, 1835. *Freyer, N. B.* ii. 51, pl. 126, f. 2, 1836. *Dup.*  
*L. F.* x. 319, pl. 287, f. 7, 1836.  
*Psecadia decemguttella*, *Zell. Isis*, 1844, p. 233.  
*Erminea dodecea*, *Haw. L. B.* 514, 1829.  
*Anesychia dodecea*, *Step. H.* iv. 241, 1834.  
 ? *Tinea padella*, *W. V.* 139, 33, 1776. *Charp. (W. V.)* 138,  
 1821.  
*Wood, I. E.* f. 1279.

## 6, (117, 473). CHALYBE.

Chalybe, *Dup. L. F.* x. 343, 1836. *Id. Cat.* 329, 1844.

Psecadia, p., *Zell. Isis*, 1839, p. 194. *Id. Isis*, 1844, p. 288.

## 1. CHALYBE PYRAUSTA.

Phalæna pyrausta, *Pallas, Reisen.* i. 176, 1774.

Psecadia pyrausta, *Zell. Ent. Ztg.* 1844, p. 379.

Tinea atropunctella, *Wenner, (Thun.) I. S.* 7, 91, 1794.

## 6, (118, 474). PRAYS.

Prays, *Sta. I. B. Lep. Tin.* p. 64, 1854.

Prays, p., *Hüb. V.* 413, 1816.

Telea, p., *Step. H.* iv. 244, 1834.

Ædia, p., *Dup. L. F.* x. 305, 1836. *Id. Cat.* p. 327, 1844.

Œcophora, p., *Zell. Isis*, 1839, p. 191.

## 1. PRAYS CURTISELLUS.

B. M.

Phalæna Curtisella, *Don. B. I.* ii. pl. 63, 1793, 1804.

Tinea Curtisella, *Turt. S. N.* iii. 2, 369, 1806.

Telea Curtisella, *Step. H.* iv. 245, 1834.

Erminea Curtisii, *Haw. L. B.* 514, 1829.

Tinea maculella, *Fab. E. S.* iii. 2, 306, 82, 1794. *Turt. S. N.* iii. 2, 369, 1806.

Tinea cænobitella, *Hüb.* 309, 1816.

Ædia cænobitella, *Dup. L. F.* x. 315, pl. 285, f. 6, 1836.

Var. *Recurvaria rustica*, *Haw. L. B.* 548, 1829.

? *Tinea Fraxinella*, \**Bjerk. Nov. Act. Holm.*

*Wood, I. E.* f. 1287.

## Fam. IV. PLUTELLIDÆ.

Plutellidæ, *Sta. I. B. Lep. Tin.* p. 65, 1854.

## 1, (119, 475). EIDOPHASIA.

Eidophasia, *Step. Entom.* 418 (*Addenda et Corrigenda*), 1842.  
Parasemia, *Step. Entom.* 202, 1841.

## 1. EIDOPHASIA MESSINGIELLA.

B. M.

Plutella Messingiella, *F. v. R.* 193, pl. 68, f. 3, 1839.  
Parasemia transversella, *Step. Entom.* 202, 1841.

## 2, (120, 476). PLUTELLA.

Plutella, *Schr. F. B.* ii. 169, 1802. *Zett. I. L.* 1000, 1840.  
Cerostoma, *Curt. B. E.* fo. 420, 1832. *Step. H.* iv. 34, 1834.  
Alucita, p., *Fab. E. S.* iii. 2, 330, 1794. *Lat. H. N.* xiv. 252, 1802. *Dup. L. F.* xi. 207, 1838. *Id. Cat.* 345, 1844.  
Anadetia, p., *Hüb. V.* 405, 1816.  
Ypsolophus, p., *Haw. L. B.* 538, 1829.  
Plutella, p., *Treit. E. S.* ix. 2, 23, 1833. *Zell. Isis*, 1839, p. 187.

## 1. PLUTELLA CRUCIFERARUM.

B. M.

Plutella Cruciferarum, *Zell. Ent. Ztg.* 1843, p. 283.  
Tinea Xylostella, *Hüb.* 119, 1801. *Turt. S. N.* iii. 2, 379, 1806. *Charp. (W V.)* 126, 1821. *Schott, R. K.* 305, 1830.  
*Treit. Heulfs.* 401, 1834.  
Plutella Xylostella, *Treit. E. S.* ix. 2, 25, 1833. *Bouché, Nat.* 130, 1834. *Evers. F. V. U.* 575, 1844.  
Cerostoma Xylostella, *Step. H.* iv. 342, 1834.  
Alucita Xylostella, *Dup. L. F.* xi. 212, pl. 293, f. 10, 1838.  
♀ Cerostoma maculipennis, *Curt. B. E.* fo. 420, 1835. *Step. H.* iv. 342, 1834.

- ♀ *Plutella maculipennis*, *Sta. Cat.* p. 10, 1849.  
 ♀ *Plutella annulatella*, *H.-S. Tin.* 50, f. 350, 1851.  
 ? *Phalæna* (Tinea) *Xylostella*, *Linn. F. S.* 1391, 1761.  
 ? *Alucita Xylostella*, *Fab. S. E.* 667, 1, 1775. *Id. S. I.* ii. 306, 1781. *Id. Man.* ii. 254, 1, 1787. *Id. E. S.* iii. 2, 330, 1, 1794. *Rossi, F. E.* ii. 209, 1237, 1790.  
 ? *Tinea Xylostella*, *Müller, Z. D. P.* 136, 1562, 1776. *W. V.* 137, 54, 1776. *Goëze, E. B.* iii. 4, 101, 309, 1783. *Gmel. S. N.* i. 5, 2610, 389, 1788. *Illig. (W. V.)* ii. 97, 1801. *Schr. F. B.* ii. 126, 1854, 1802.  
 ? *Phalæna* (Tinea) *Xilostella*, *Geoff. H. A.* ii. 196, 35, 1762.  
 ? *Tinea Xilostella*, *Four. E. P.* 330, 34, 1785.  
 ? *Ypsolophus Xylostei*, *Fab. E. S. Sup.* 508, 15, 1798. *Haw. L. B.* 540, 1829.  
 ? *Ypsolophus Xilostei*, *Walck. F. P.* ii. 322, 1802.  
 ? *Alucita Xylostei*, *Lat. H. N.* xiv. 253, 1802. *Lam. H. N.* iii. 553, 1816.  
*Wood, I. E.* f. 1547, ♀, 1549, ♂.

## 2. PLUTELLA PORRECTELLA.

B. M.

- Phalæna* (Tinea) *porrectella*, *Linn. S. N.* (10), 540, 282, 1758, *Id. F. S.* 1443, 1761. *Id. S. N.* (12), 894, 419, 1767. *De Geer*, ii. 1, 494, 1771.  
*Tinea porrectella*, *Müller, Z. D. P.* 135, 1572, 1776. *W. V.* 140, 62, 1776. *Goëze, E. B.* iii. 4, 111, 419, 1783. *Gmel. S. N.* i. 5, 2600, 419, 1788. *Vill. E. L.* ii. 482, 910, 1789. *Illig. (W. V.)* ii. 111, 1801. *Z. g. S. (Charp. W. V.)* 208, 1821. *Bouché, Gart. Ins.* 119, 1833.  
*Plutella porrectella*, *Treit. E. S.* ix. 2, 27, 1833. *Bouché, Nat.* 130, 1834.  
*Cerostoma porrectella*, *Step. H.* iv. 341, 1834.  
*Alucita porrectella*, *Dup. L. F.* xi. 215, pl. 293, f. 9, 1838.  
*Phalæna Hesperidis*, *Retz, G. & S.* 54, 165, 1783.  
*Ypsolophus Hesperidis*, *Haw. L. B.* 541, 1829.  
*Tinea Hesperidella*, *Hüb.* 169, 1801.  
 \**Ypsolophus Falleniellus*, *Dahl. N. A. H.* 1835, p. 205—208.  
*Wood, I. E.* f. 1546.

## 3. PLUTELLA ANNULATELLA.

- Cerostoma annulatella*, *Curt. B. E.* fo. 420, 1832. *Step. H.* iv. 342, 1834.

- Plutella bicingulata*, *H.-S. Tin.* 50, f. 349, 1851.  
 ? *Ypsolophus nemorum*, *Coqueb.* ii. pl. 17, f. 18, 1801.  
 ? *Plutella bicingulata*, *Zell. Isis*, 1839, p. 188.  
 ? *Plutella Schmaltzella*, *Zett. I. L.* 1001, 1840.  
 ? *Plutella immaculicornella*, *Guenté, I. M. E.* 101, 1845.  
 ? *Plutella horticola*, *Tengstr. F. F.-F.* 117, 1847.  
*Wood, I. E.* f. 1548.

## 4. PLUTELLA DALELLA.

B. M.

- Plutella Dalella*, *Sta. Cat.* p. 11, 1849.  
*Tinea vittella*, *Hüb.* 164, 1801.  
*Plutella marmorosella*, *Wocke, Bericht der Schlesi. Gesell.*  
 1849, p. 9.

## 3, (121, 477). CEROSTOMA.

- Cerostoma*, *Lat. H. N.* xiv. 247, 1802.  
*Alucita*, *Lat. G. C. et I.* iv. 233, 1809.  
*Ypsolophus*, *Lat. R. N.* iii. 583, 1817.  
*Harpipterix*, *Zett. I. L.* 1001, 1840.  
*Alucita*, p., *Fab. E. S.* iii. 2, 330, 1794.  
*Ypsolophus*, p., *Fab. E. S. Sup.* 505, 1798. *Haw. L. B.* 538,  
 1829.  
*Anadetia*, p., *Harpipteryx*, p., *Hypsolopha et Abebæa*, *Hüb. V.*  
 405, 407, 408, 1816.  
*Hypsolopha*, *Rhinosia*, p., et *Harpipteryx*, p., *Treit. E. S.* ix.  
 2, 3, 9, 35, 1833. *Dup. L. F.* xi. 165, 179, 242, 1838. *Id.*  
*Cat.* 343, 344, 349, 1844.  
*Harpipteryx*, *Hypsolopha et Chætochilus*, *Step. H.* iv. 334,  
 335, 337, 1834.  
*Harpipteryx*, p., *Curt. B. E.* fo. 535, 1835.  
*Plutella*, p., *Zell. Isis*, 1839, p. 187.

## 1. CEROSTOMA SEQUELLA.

B. M.

- Phalæna (Tinea) sequella*, *Clerck, I.* pl. 10, f. 14, 1759. *Linn.*  
*F. S.* 1365, 1761. *Id. S. N.* (12); 885, 352, 1767.  
*Tinea sequella*, *Fab. S. E.* 357, 7, 1775. *Id. S. I.* ii. 291, 9,  
 1781. *Id. Man.* ii. 241, 11, 1787. *Gmel. S. N.* i. 5, 2587,  
 352, 1788. *Hüb.* 103, 1801. *Turt. S. N.* iii. 2, 363,  
 1806.

- Yponomeuta sequella*, *Godart, L. F.* v. 41, pl. 44, f. 6, 1824.  
*Treit. E. S.* ix. 1, 229, 1832.
- Ypsolophus sequellus*, *Haw. L. B.* 541, 1829.
- Chætochilus sequellus*, *Step. H.* iv. 341, pl. 40, f. 2, 1834.
- Ædia sequella*, *Dup. L. F.* x. pl. 285, f. 4, 1836.
- Rhinosia sequella*, *Dup. L. F.* xi. 192, pl. 293, f. 1, 1838.
- Plutella sequella*, *Lienig, Isis*, 1846, p. 275.
- Tinea nyctemerella*, *W. V.* 136, 38, 1776. *Goëze, E. B.* iii. 4, 131, 40, 1783. *Gmel. S. N.* i. 5, 2609, 1276, 1788. *Vill. E. L.* iv. 544, 1789. *Illig. (W. V.)* ii. 93, 1801. *Turt. S. N.* iii. 2, 380, 1806. *Charp. (W. V.)* 119. *Z. g. S.* 159, 1821.
- Alucita nyctemerella*, *Fab. Man.* ii. 254, 9, 1787. *Id. E. S.* iii. 2, 333, 11, 1794.
- Ypsolophus nyctemerus*, *Fab. E. S. Sup.* 509, 21, 1798.
- ? *Phalæna (Tinea) pusiella*, *Linn. S. N.* (10), 534, 236, 1758.  
*Id. S. N.* (12), 884, 347, 1767.
- ? *Tinea pusiella*, *Fab. S. E.* 656, 6, 1775. *Goëze, E. B.* iii. 4, 78, 347, 1783.
- ? *Tinea pascella*, *Fab. S. I.* ii. 291, 8, 1781.
- ? *Tinea sequella*, *Goëze, E. B.* iii. 4, 83, 352, 1783.  
*Wood, I. E.* f. 1545.

## 2. CEROSTOMA VITTELLA.

B. M.

- Phalæna (Tinea) vittella*, *Lin. S. N.* (10), 538, 264, 1758.  
*Id. F. S.* 1366, 1761. *Id. S. N.* (12), 890, 382, 1767.  
*Clerck, I.* pl. 3, f. 10, 1759.
- Tinea vittella*, *Müller, F. F.* 55, 489, 1764. *Id. Z. D. P.* 134, 1554, 1776. *W. V.* 136, 42, 1776. *Goëze, E. B.* iii. 4, 99, 382, 1783. *Gmel. S. N.* i. 5, 2609, 382, 1788. *Turt. S. N.* iii. 2, 379, 1806.
- Alucita vittella*, *Fab. S. E.* 668, 6, 1775. *Id. S. I.* ii. 307, 7, 1781. *Id. Man.* ii. 254, 8, 1787. *Id. E. S.* iii. 2, 332, 10, 1794.
- Ypsolophus vittellus*, *Haw. L. B.* 541, 1829.
- Rhinosia vittella*, *Dup. L. F.* xi. 195, pl. 293, f. 2—6, 1838.
- Plutella vittella*, *Lienig, Isis*, 1846, p. 276.
- Ypsolophus vittatus*, *Fab. E. S. Sup.* 506, 3, 1798.
- Tinea vitella*, *Vill. E. L.* ii. 470, 873, 1789. *Illig. (W. V.)* ii. 93, 1801. *Hüb.* 349, 1816. *Charp. (W. V.)* 121. *Z. g. S.* 162, 1821.
- Chætochilus vitellus*, *Step. H.* iv. 340, 1834.
- Plutella vitella*, *Zell. Isis*, 1839, p. 188.

*Tinea sisymbrella*, *W. V.* 140, 46, 1776. *Illig. (W. V.)* ii. 107, 1801.

*Lita sisymbriella*, *Evers. F. V. U.* 583, 1844.

Var. *Chætochilus maurellus*, *Step. H.* iv. 340, 1834.

? *Alucita vittata*, *Lam. H. N.* iii. 554, 1816.

? *Tinea sisymbrella*, *Charp. (W. V.)* 143. *Z. g. S.* 201, 1821.

Var. ? *Tinea carbonella*, *Hüb.* 421, 1816.

*Wood, I. E. f.* 1544.

### 3. CEROSTOMA RADIATELLA.

B. M.

*Phalæna radiatella*, *Don. B. I.* iii. pl. 77, 1794.

*Tinea radiatella*, *Turt. S. N.* iii. 2, 370, 1806.

*Chætochilus radiatellus*, *Step. H.* iv. 338, 1834.

*Ypsolophus radiatus*, *Haw. L. B.* 543, 1829.

*Tinea variella*, *Hüb.* 106, 1801.

*Chætochilus variellus*, *Step. H.* iv. 339, 1834.

*Ypsolophus varians*, *Haw. L. B.* 543, 1829.

*Tinea fissella*, *Hüb.* 108, 1801. *Hüb. Larvæ*, iii.

*Chætochilus fissellus*, *Step. H.* iv. 338, 1834.

*Rhinosia fissella*, *Treit. E. S.* x. 3, 187, 1835. *Evers. F. V. U.* 573, 1844.

*Rhinosia fissella*, ♂, *Dup. L. F.* xi. 199, pl. 293, f. 8, 1838.

*Plutella fissella*, *Zell. Isis*, 1839, p. 188. *Lienig, Isis*, 1846, p. 276.

*Ypsolophus fissus*, *Haw. L. B.* 543, 1829.

*Tinea byssinella*, *Hüb.* 380, 1816.

*Tinea parallella*, *Panz. F. G.* 22.

*Ypsolophus quinquepunctatus*, *Haw. L. B.* 544, 1829.

*Ypsolophus lutosus*, *Haw. L. B.* 545, 1829.

*Ypsolophus flaviciliatus*, *Haw. L. B.* 545, 1829.

*Plutella unitella*, *Treit. E. S.* ix. 2, 30, 1833.

*Chætochilus rufimetrellus*, *Step. H.* iv. 340, 1834.

? *Phalæna (Tinea) ustella*, *Clerck, I.* pl. 3, f. 13, 1759.

? *Rhinosia fulvella*, *Dup. L. F.* xi. 184, pl. 292, f. 8, 1838.

*Wood, I. E. f.* 1538, 1539, 1540, 1542, 1543.

### 4. CEROSTOMA COSTELLA.

B. M.

*Alucita costella*, *Fab. S. E.* 668, 10, 1775. *Id. S. I.* ii. 308, 13, 1781. *Id. Man.* ii. 255, 18, 1787. *Id. E. S.* iii. 2, 336, 23.



- Tinea costella*, *Goëze*, *E. B.* iii. 4, 158, 239, 1783. *Vill. E. L.* ii. 505, 982, 1789. *Hüb.* 107, 1801. *Turt. S. N.* iii. 2, 381, 1806. *Treit. Heulfs.* 401, 1834.  
*Ypsolophus costellus*, *Haw. L. B.* 542, 1829.  
*Rhinosia costella*, *Treit. E. S.* ix. 2, 17, 1833. *Dup. L. F.* xi, 182, pl. 292, f. 6, 7, 1838. *Evers. F. V. U.* 574, 1844.  
*Chætochilus costellus*, *Step. H.* iv. 338, 1834.  
*Plutella costella*, *Lienig, Isis*, 1846, p. 276.  
*Tinea costatella*, *Gmel. S. N.* i. 5, 2601, 1281, 1788.  
*Ypsolophus costatus*, *Fab. E. S. Sup.* 509, 17, 1798.  
*Ypsolophus ochroleucus*, *Haw. L. B.* 542, 1829.  
*Ypsolophus ermineus*, *Haw. L. B.* 542, 1829.  
*Ypsolophus ustulatus*, *Haw. L. B.* 542, 1829.  
*Rhinosia fissella*, ♀, *Dup. L. F.* xi. 199, pl. 293, f. 7, 1838.  
? *Alucita maculella*, *Fab. E. S.* iii. 2, 333, 1794.  
? *Tinea maculella*, *Turt. S. N.* iii. 2, 380, 1806.  
? *Ypsolophus maculatus*, *Fab. E. S. Sup.* 510, 23, 1798.  
*Wood, I. E.* f. 1537.

## 5. CEROSTOMA SYLVELLA.

B. M.

- Phalæna (Tinea) sylvella*, *Linn. S. N.* (12), 893, 413, 1767.  
*Alucita sylvella*, *Fab. S. E.* 667, 3, 1775. *Id. S. I.* ii. 306, 4, 1781. *Id. Man.* ii. 254, 4, 1787. *Id. E. S.* iii. 2, 331, 5, 1794.  
*Tinea sylvella*, *Goëze*, *E. B.* iii. 4, 110, 413, 1783. *Gmel. S. N.* i. 5, 2611, 413, 1788. *Vill. E. L.* ii. 480, 904, 1789. *Turt. S. N.* iii. 2, 379, 1806. *Hüb.* 420, 1816.  
*Rhinosia sylvella*, *Treit. E. S.* ix. 2, 16, 1833.  
*Chætochilus sylvella*, *Step. H.* iv. 339, 1834.  
*Hypsolopha sylvella*, *Dup. L. F.* xi. 173, pl. 292, f. 3, 1838.  
*Plutella sylvella*, *Lienig, Isis*, 1846, p. 277.  
*Ypsolophus sylvarum*, *Fab. E. S. Sup.* 507, 11, 1798.  
*Ypsolophus bifasciatus*, *Haw. L. B.* 544, 1829.  
? *Hypsolopha sylvella*, *Evers. F. V. U.* 572, 1844.  
*Wood, I. E.* f. 1541.

## 6. CEROSTOMA ALPELLA.

B. M.

- Tinea alpella*, *W. V.* 135, 20, 1776. *Goëze*, *E. B.* iii. 4, 129, 26, 1783. *Gmel. S. N.* i. 5, 2611, 1283, 1788. *Vill. E. L.* iv. 544, 1789. *Illig. (W. V.)* ii. 87, 1801. *Turt. S. N.* iii. 2, 579, 1806. *Z. g. S. (Charp. W. V.)* 144, 1821.

*Alucita alpella*, *Fab. Man.* ii. 254, 6, 1787. *Id. E. S.* iii. 2, 332, 8, 1794.

*Hypsolopha alpella*, *Treit. E. S.* ix. 2, 8, 1833.

*Ypsolophus alpinus*, *Fab. E. S. Sup.* 508, 14, 1798.

? *Hypsolopha Persicellus*, *Step. H.* iv. 337, 1834.

? *Plutella senilella*, *Zett. I. L.* 1001, 1840.

*Wood, I. E. f.* 1536.

## 7. CEROSTOMA LUCELLA.

B. M.

*Alucita lucella*, *Fab. S. E.* 667, 4, 1775. *Id. S. I.* ii. 307, 5, 1781. *Id. Man.* ii. 254, 5, 1787. *Id. E. S.* iii. 2, 332, 7, 1794. *Cederh. F. I.* 259, 818, 1798.

*Tinea lucella*, *Goëze, E. B.* iii. 4, 157, 236, 1783. *Gmel. S. N.* i. 5, 2611, 1282, 1788. *Vill. E. L.* ii. 503, 977, 1789. *Schr. F. B.* ii. 136, 1879, 1802. *Turt. S. N.* iii. 2, 379, 1806.

*Ypsolophus lucorum*, *Fab. E. S. Sup.* 508, 13, 1798.

*Tinea antennella*, *W. V.* 135, 19, 1776. *Goëze, E. B.* iii. 4, 129, 24, 1783. *Illig. (W. V.)* ii. 87, 1801. *Z. g. S. (Charp. W. V.)* 142, 1821. *Treit. Heulfs.* 400, 1834.

*Hypsolopha antennella*, *Hüb. V.* 407, 1816. *Treit. E. S.* ix. 2, 7, 1833. *Step. H.* iv. 336, 1834. *Dup. L. F.* xi. 175, pl. 292, f. 4, 1838. *Evers. F. V. U.* 572, 1844.

*Plutella antennella*, *Lienig & Zell. Isis*, 1846, p. 277.

*Tortrix retusana*, *Borgström, (Thun.) I. S.* 1, 23, 1784.

*Tinea mucronella*, *Hüb.* 99, 1801.

*Ypsolophus mucronellus*, *Haw. L. B.* 539, 1829.

*Wood, I. E. f.* 1535.

## 8. CEROSTOMA HORRIDELLA.

B. M.

*Harpipteryx horridella*, *Treit. E. S.* x. 3, 191, 1835.

*Hypsolopha horridella*, *Dup. L. F.* xi. 177, pl. 292, f. 5, 1838.

*Harpipteryx falcella*, *Step. H.* iv. 335, 1834.

*Harpipteryx subfalcata*, *Curt. B. E.* fo. 535, 1835.

? *Tinea Schellenbergella*, *Fab. E. S. Sup.* 501, 113, 1798.

? *Ypsolopha horridella*, *Guenté, I. M. E.* 98, 1845.

*Wood, I. E. f.* 1532.

## 9. CEROSTOMA SCABRELLA.

B. M.

- Phalæna (Tinea) scabrella, *Linn. F. S.* 1446, 1761. *Id. S. N.* (12), 891, 396, 1767.
- Alucita scabrella, *Fab. Man.* ii. 256, 19, 1787. *Id. E. S.* iii. 2, 338, 27, 1794.
- Tinea scabrella, *Gmel. S. N. i.* 5, 2610, 396, 1788. *Vill. E. L. ii.* 474, 887, 1789. *Turt. S. N. iii.* 2, 381, 1806.
- Harpipteryx scabrella, *Treit. E. S.* ix. 2, 43, x. 3, 191, 1833, 1835. *Step. H.* iv. 335, 1834. *Curt. B. E.* fo. 535, 1835.
- Hypsolopha scabrella, *Evers. F. V. U.* 571, 1844.
- Plutella scabrella, *Lienig, Isis*, 1846, p. 278.
- Tinea bifissella, *W. V.* 319, 68, 1776. *Goëze, E. B.* iii. 4, 141, 146, 1783. *Illig. (W. V.)* ii. 95, 1801. *Charp. (W. V.)* 124, 1821.
- Tinea pterodactylella, *Hüb.* 102, 1801.
- Ypsolophus pterodactylellus, *Haw. L. B.* 539, 1829.
- ? Alucita caudella, *Fab. S. E.* 669, 12, 1775. *Id. S. I.* ii. 308, 16, 1781.
- ? Alucita scabrella, *Fab. G. I.* 297, 1776. *Id. S. I.* ii. 308, 14, 1781.
- ? Tinea scabrella, *Goëze, E. B.* iii. 4, 104, 396, 1783.
- ? Tinea Helwigella, *Fab. E. S. Sup.* 502, 114, 1798.
- Wood, I. E.* f. 1533.

## 10. CEROSTOMA ASPERELLA.

B. M.

- Phalæna (Tinea) asperella, *Linn. F. S.* 1447, 1761. *Id. S. N.* (12), 891, 397, 1767.
- Tinea asperella, *W. V.* 136, 46, 1776. *Goëze, E. B.* iii. 4, 104, 397, 1783. *Gmel. S. N. i.* 5, 2611, 397, 1788. *Vill. E. L. ii.* 475, 888, 1789. *Hüb.* 101, 329, 1801, 1816. *Illig. (W. V.)* ii. 95, 1801. *Turt. S. N. iii.* 2, 381, 1806. *Charp. (W. V.)* 123, 1821.
- Alucita asperella, *Fab. Man.* ii. 255, 17, 1787. *Id. E. S.* iii. 2, 336, 21, 1794.
- Ypsolophus asperellus, *Haw. L. B.* 539, 1829.
- Hypsolopha asperella, *Treit. E. S.* ix. 2, 4, 1833. *Step. H.* iv. 336, 1834. *Dup. L. F.* xi. 170, pl. 292, f. 2, 1838.
- Plutella asperella, *Lienig, Isis*, 1846, p. 278.
- Tinea Clairvilleella, *Fab. E. S. Sup.* 501, 112, 1798.

*Phalæna falcata*, *Don. B. I. x.* pl. 355, 1801.  
*?Tinea asperella*, *Hüb. Larvæ*, iii.  
*Wood, I. E. f.* 1534.

## 11. CEROSTOMA NEMORELLA.

B. M.

*Phalæna (Tinea) nemorella*, *Linn. S. N.* (10), 536, 247, 1758.  
*Id. F. S.* 1371, 1761. *Id. S. N.* (12), 887, 364, 1767.  
*Tinea nemorella*, *Müller, F. F.* 55, 492, 1764. *Id. Z. D. P.*  
 134, 1547, 1776. *Goëze, E. B.* iii. 485, 364, 1783. *Gmel.*  
*S. N.* i. 5, 2592, 364, 1788. *Vill. E. L.* ii. 462, 855,  
 1789. *Wenner, (Thun.) I. S.* 7, 85, 1794.  
*Theristis nemorella*, *Step. H.* iv. 334, 1834.  
*Plutella nemorella*, *Lienig, Isis*, 1846, p. 277, 1846.  
*Tinea hamella*, *Hüb.* 282, 1812. *Hüb. Larvæ*, iii.  
*Harpiteryx hamella*, *Treit. E. S.* ix. 2, 40, 1833. *Dup. L. F.*  
 xi. 251, pl. 295, f. 4, 1838.  
*Palparia cultrea*, *Haw. L. B.* 482, 1812.  
*Wood, I. E. f.* 1530.

## 12. CEROSTOMA XYLOSTELLA.

B. M.

*Phalæna (Tinea) Xylostella*, *Linn. S. N.* (12), 890, 389,  
 1767.  
*Alucita dentella*, *Fab. S. E.* 667, 2, 1775. *Id. S. I.* ii. 306, 3,  
 1781. *Id. Man.* ii. 254, 3, 1787. *Id. E. S.* iii. 2, 331, 4,  
 1794.  
*Tinea dentella*, *Goëze, E. B.* iii. 4, 156, 235, 1783. *Gmel. S.*  
*N.* i. 5, 2610, 1280, 1788. *Vill. E. L.* ii. 505, 1019, 1789.  
*Turt. S. N.* iii. 2, 379, 1806. *Schott, R. K.* 305, 1830.  
*Ypsolophus dentellus*, *Haw. L. B.* 538, 1829.  
*Harpiteryx dentella*, *Step. H.* iv. 335, 1834.  
*Ypsolophus dentatus*, *Fab. E. S. Sup.* 508, 16, 1798.  
*Alucita dentata*, *Lam. H. N.* iii. 554, 1816.  
*Tinea harpella*, *W. V.* 136, 50, 1776. *Goëze, E. B.* iii. 4, 131,  
 47, 1783. *Hüb.* 110, 1801. *Illig. (W. V.)* ii. 76, 1801.  
*Charp. (W. V.)* 125. *Z. g. S.* 168, 1821.  
*Harpiteryx harpella*, *Treit. E. S.* ix. 2, 37, 1833. *Dup. L.*  
*F.* xi. 248, pl. 295, f. 3, 1838. *Zett. I. L.* 1002, 1840.  
*Evers. F. V. U.* 577, 1844.  
*Plutella harpella*, *Zell. Isis*, 1839, p. 335. *Id. Ent. Ztg.*  
 1843, p. 283. *Lienig, Isis*, 1846, p. 277.  
*Ypsolophus harnatus*, *Fab. E. S. Sup.* 507, 10, 1798.

- Phalæna Caprifolii*, Retz. *G. & S.* 54, 164, 1783.  
 ? *Phalæna* (*Tinea*) *Xylostella*, Linn. *S. N.* (10), 538, 265, 1758.  
*Gesen. Encycl.* 215, 16, 1786.  
 ? *Tinea Xylostella*, Vill. *E. L.* ii. 472, 880, 1789.  
*Wood, I. E.* f. 1531.

#### 4, (122, 478). THERISTIS.

- Theristis*, Sta. *I. B. Lep. Tin.* p. 74, 1854.  
*Theristis*, p., Hüb. *V.* 406, 1816. *Step. H.* iv. 333, 1834.  
*Harpiteryx*, p., Treit. *E. S.* ix. 2, 35, 1833. *Curt. B. E.* fo. 535, 1835. *Dup. L. F.* xi. 242, 1838. *Id. Cat.* 349, 1844.  
*Plutella*, p., Zell. *Isis*, 1839, p. 187.

#### 1. THERISTIS CAUDELLA.

B. M.

- Phalæna* (*Tinea*) *caudella*, Linn. *S. N.* (12), 894, 417, 1767.  
*Tinea caudella*, Vill. *E. L.* ii. 481, 908, 1789.  
*Phalæna Panzerella*, Don. *B. I.* iii. pl. 106, 1794.  
*Tinea Panzerella*, Turt. *S. N.* iii. 2, 362, 1806.  
*Batia Panzerella*, Curt. *B. E.* fo. 543, 1835.  
*Tinea cultrella*, Hüb. 109, 1801. *Treit. Heulfs.* 401, 1834.  
*Harpiteryx cultrella*, Treit. *E. S.* ix. 2, 41, x. 3, 190, 1833, 1835. *Dup. L. F.* xi. 254, pl. 295, f. 5—7, 1838.  
*Tinea acinacidella*, Hüb. 237, 1801.  
*Theristis acinacidella*, Step. *H.* iv. 333, pl. 40, f. 1, 1834.  
*Palparia acinacidea*, Haw. *L. B.* 482, 1812.  
 ? *Tinea caudella*, Goëze, *E. B.* iii. 4, 111, 417, 1783. *Gmel. S. N.* i. 5, 2611, 417, 1788.  
 ? *Tinea mucronella*, Turt. *S. N.* iii. 2, 366, 1806.  
*Wood, I. E.* f. 1529.

#### Fam. V. GELECHIDÆ.

- Gelechidæ*, Sta. *I. B. Lep. Tin.* p. 75, 1854.

#### 1, (123, 479). ORTHOTÆLIA.

- Orthotælia*, Step. *H.* iv. 195, 1834.  
*Agoniapteryx*, Treit. *E. S.* x. 3, 185, 1835.

*Caulobius*, *Dup. L. F.* xi. 157, 1838. *Id. Cat.* 333, 1844.

*Hæmylis*, *Zell. Isis*, 1839, p. 194.

*Hæmylis*, p., *Treit. E. S.* ix. 1, 235, 1832.

# 1. ORTHOTÆLIA SPARGANELLA.

B. M.

*Tinea Sparganella*, *Wenner, (Thun.) I. S.* 7, 83, 1794.

*Hæmylis Sparganiella*, *Treit. E. S.* ix. 1, 261, 1832. *Zell. Isis*, 1839, p. 195.

*Agonipteryx Sparganiella*, *Treit. E. S.* x. 3, 186, 1835.

*Caulobius Sparganiellus*, *Dup. L. F.* xi. 160, pl. 291, f. 7, 8, 9, 1838.

*Orthotælia Sparganiella*, *Sta. Ent. Trans.* v. 151, 1849.

*Depressaria venosa*, *Haw. L. B.* 506, 1812.

*Orthotælia venosa*, *Step. H.* iv. 195, pl. 35, f. 3, 1834.

*Tinea tostella*, *Hüb.* 456, 1829.

*Orthotænia nervosa*,  $\Delta$  (*E. Doubl.*) *Ent. Mag.* i. 442, 1833.

? *Depressaria venosa*, *Step. H.* iv. 198, 1834.

*Wood, I. E.* f. 1162.

## 2, (124, 480). SEMIOSCOPIIS.

*Semioscopis*, *Hüb. V.* 402, 1816. *Step. H.* iv. 238, 1834.

*Zell. Isis*, 1839, p. 182.

*Epigraphia*, *Dup. L. F.* xi. 58, 1838.

*Lemmatophila*, p., *Treit. E. S.* ix. 1, 25, 1832.

*Epigraphia*, p., *Dup. Cat.* 332, 1844.

# 1. SEMIOSCOPIIS AVELLANELLA.

B. M.

*Tinea Avellanella*, *Hüb.* 27, 1801.

*Lemmatophila Avellanella*, *Treit. E. S.* ix. 1, 31, x. 3, 153, 1832, 1835. *Evers. F. V. U.* 537, 1844.

*Semioscopis Avellanella*, *Step. H.* iv. 239, 1834.

*Epigraphia Avellanella*, *Dup. L. F.* xi. 62, pl. 287, f. 11, 1838.

*Wood, I. E.* f. 1275.

## 2. SEMIOSCOPIIS STEINKELLNERIANA.

B. M.

*Tortrix Steinkellneriana*, *W. V.* 130, 16, 1776. *Goëze, E. B.*

iii. 4, 45, 118, 1783. *Vill. E. L.* iv. 528, 1789. *Schr. F.*

B. ii. 80, 1762, 1802. *Charp. (W. V.)* 78. *Z. g. S.* 96,

1821.

- Semioscopis Steinkellneriana*, *Lienig, Isis*, 1846, p. 269.  
*Pyralis Steinkellnerana*, *Fab. Man.* ii. 233, 80, 1787. *Id. E. S.*  
 iii. 2, 267, 104, 1794. *Turt. S. N.* iii. 2, 353, 1806.  
*Tortrix Steinkellnerana*, *Gmel. S. N.* i. 5, 2502, 834, 1788.  
*Semioscopis Steinkellnerana*, *Step. H.* iv. 239, 1834.  
*Diurnea Steinkellneri*, *Haw. L. B.* 504, 1812.  
*Semioscopis Steinkellnerella*, *Hüb. V.* 402, 1816.  
*Lemmatophila Steinkellnerella*, *Treit. E. S.* ix. 1, 36, 1832.  
*Evers. F. V. U.* 536, 1844.  
*Epigraphia Steinkellnerella*, *Dup. L. F.* xi. 60, pl. 287, f. 10,  
 1838.  
*Tinea characterella*, *Hüb.* 26, 1801.  
*Wood, I. E.* f. 1276.

### 3, (125, 481). ENICOSTOMA.

- Enicostoma*, *Step. H.* iv. 226, 1834.  
*Gelechia*, p., *Zell. Isis*, 1839, p. 197.

#### I. ENICOSTOMA LOBELLA.

B. M.

- Tinea lobella*, *W. V.* 138, 9, 1776. *Hüb.* 238, 1801. *Illig.*  
*(W. V.)* ii. 100, 1801. *Schr. F. B.* ii. 117, 1827, 1802.  
*Charp. (W. V.)* 130. *Z. g. S.* 179, 1821.  
*Lampros lobella*, *Treit. E. S.* x. 3, 196, 1835.  
*Pyralis Tunbergiana*, *Fab. S. I.* ii. 284, 47, 1781.  
*Tortrix Tunbergiana*, *Goëze, E. B.* iii. 4, 31, 37, 1783.  
*Pyralis Tunbergiana*, *Fab. Man.* ii. 234, 85, 1787.  
*Tortrix Tunbergiana*, *Vill. E. L.* ii. 409, 707, 1789.  
*Tortrix Thunbergiana*, *Gmel. S. N.* i. 5, 2513, 867, 1788.  
*Pyralis Thunbergiana*, *Fab. E. S.* iii. 2, 268, 112, 1794. *Turt.*  
*S. N.* iii. 2, 354, 1806.  
*Enicostoma Thunbergiana*, *Step. H.* iv. 226, 1834.  
*Recurvaria Thunbergii*, *Haw. L. B.* 547, 1829.  
*Hæmylis lugubrella*, *Dup. L. F.* xi. 612, pl. 312, f. 4, 1838.  
 ? *Hæmylis nubilella*, *Zett. I. L.* 998, 1840.  
*Wood, I. E.* f. 1250.

### 4, (126, 482). PHIBALOCERA.

- Phibalocera*, *Step. H.* iv. 192, 1834.  
*Carcina*, *Zell. Isis*, 1839, p. 196.

*Carcina*, p., *Hüb. V.* 410, 1816.

*Lampros*, p., *Treit. E. S.* ix. 2, 57, 1833.

# 1. PHIBALOCERA QUERCANA.

B. M.

*Pyralis Quercana*, *Fab. S. E.* 652, 39, 1775. *Id. S. I.* ii. 285, 55, 1781. *Id. Man.* ii. 235, 97, 1787. *Id. E. S.* iii. 2, 271, 126, 1794. *Turt. S. N.* iii. 2, 355, 1806.

*Tortrix Quercana*, *Goëze, E. B.* iii. 4, 26, 11, 1783. *Gmel. S. N.* i. 5, 2500, 821, 1788. *Vill. E. L.* ii. 411, 714, 1789. *Haw. L. B.* 399, 1812.

*Phalæna Quercana*, *Don. B. I.* iii. pl. 106, 1794.

*Phibalocera Quercana*, *Step. H.* iv. 193, 1834.

*Tortrix Fagana*, *W. V.* 128, 13, 287, 1776. *Hüb.* 153, 1801. *Schr. F. B.* ii. 78, 1754, 1802. *Lasp. (Illig. Mag.* iv. 11), 1805. *Charp. (W. V.)* 49. *Z. g. s.* 64, 1821.

*Lampros Faganella*, *Treit. E. S.* ix. 2, 67, x. 3, 197, 1833, 1835.

*Tinea cancella*, *Hüb.* 453, 454, 1829.

? *Tortrix montiniana*, *Borgström, (Thun.) I. S.* 1, 19, 1784. *Wood, I. E.* f. 1160.

## 5, (127, 483). EXÆRETIA.

*Exæretia*, *Sta. Ent. Trans.* v. 152, 1849.

# 1. EXÆRETIA ALLISELLA.

B. M.

*Exæretia Allisella*, *Sta. Ent. Trans.* v. 152, pl. 17, f. 1, 1849.

## 6, (128, 484). DEPRESSARIA.

*Depressaria*, *Haw. L. B.* 505, 1812. *Curt. B. E.* fo. 221, 1828. *Step. H.* iv. 197, 1834. *Zell. Isis*, 1839, p. 195.

*Hæmylis*, *Dup. L. F.* xi. 119, 1838. *Id. Cat.* 334, 1844.

*Hæmylis*, p., *Treit. E. S.* ix. 1, 235, 1832. *Zett. I. L.* 998, 1840.

*Epeleustia*, p., *Agonopterix*, p., *Pinaris*, p., et *Tichonia*, p., *Hüb. V.* 410, 411, 412, 1816.



## 1. DEPRESSARIA COSTOSA.

B. M.

- Depressaria costosa*, *Haw. L. B.* 508, 1812. *Step. H.* iv. 203, 1834. *Sta. Ent. Trans.* v. 153, 1849.  
*Tortrix Spartiana*, *Hüb.* 199, 1816.  
*Tinea depunctella*, *Hüb.* 378, 1816.  
*Hæmylis depunctella*, *Treit. E. S.* ix. 1, 260, 1832. *Dup. L. F.* xi. 148, pl. 291, f. 2, 1838.  
*Wood, I. E.* f. 1182.

## 2. DEPRESSARIA LITURELLA.

B. M.

- Tinea liturella*, *W. V.* 137, 4, 1776. *Goëze, E. B.* iii. 4, 153, 58, 1783. *Illig. (W. V.)* ii. 99, 1801. *Schr. F. B.* ii. 115, 1823, 1802. *Charr. (W. V.)* 129. *Z. g. S.* 175, 1821. *Treit. Heulfs.* 400, 1834.  
*Hæmylis liturella*, *Treit. E. S.* ix. 1, 257, 1832. *Dup. L. F.* xi. 123, pl. 290, f. 1, 1838.  
*Depressaria liturella*, *Lienig, Isis*, 1846, p. 279. *Sta. Ent. Trans.* v. 153, 1849.  
*Pyrallis Sparrmanniana*, *Fab. E. S.* iii. 2, 285, 175, 1794. *Turt. S. N.* iii. 2, 360, 1806.  
*Depressaria Sparrmanniana*, *Step. H.* iv. 200, 1834.  
*Tinea flavella*, *Hüb.* 97, 1801. *Hüb. Larvæ*, iii.  
*Depressaria flavosa*, *Haw. L. B.* 507, 1812.  
*Wood, I. E.* f. 1172.

## 3. DEPRESSARIA PALLORELLA.

B. M.

- Depressaria pallorella*, *Zell. Isis*, 1839, p. 195. *Sta. Ent. Trans.* v. 153, 1849.

## 4. DEPRESSARIA UMBELLANA.

B. M.

- Depressaria Umbellana*, *Step. H.* iv. 197, 1834.  
*Depressaria Ulicetella*, *Sta. Ent. Trans.* v. 154, 1849.  
 ? *Depressaria Umbellarum*, *Haw. L. B.* 506, 1812.  
*Wood, I. E.* f. 1164.

## 5. DEPRESSARIA ASSIMILELLA.

B. M.

*Hæmylis assimilella*, *Treit. E. S.* ix. 1, 259, x. 3, 185, 1832, 1835. *F. v. R.* 61, pl. 31, pl. 32, f. 1, 1837. *Dup. L. F.* xi. 146, pl. 291, f. 1, 1838.

*Depressaria assimilella*, *Zell. Isis*, 1847, p. 837. *Sta. Ent. Trans.* v. 154, 1849.

*Depressaria irrorella*, *Step. H.* iv. 203, 1834.

? *Depressaria atomella*, *Step. H.* iv. 203, 1834.

*Wood, I. E.* f. 1183.

## 6. DEPRESSARIA NANATELLA.

*Depressaria nanatella*, *Sta. Ent. Trans.* v. 154, pl. 17, f. 2, 1849.

## 7. DEPRESSARIA ATOMELLA.

B. M.

*Tinea atomella*, *W. V.* 137, 6, 1776. *Goëze, E. B.* iii. 4, 133, 60, 1783. *Hüb.* 240, 1801. *Charp. (W. V.)* 129, 1821.

*Depressaria atomella*, *Sta. Ent. Trans.* v. 155, 1849.

*Depressaria atomosa*, *Haw. L. B.* 507, 1812.

*Tichonia pulverella*, *Hüb. V.* 412, 1816.

*Hæmylis pulverella*, *Treit. E. S.* ix. 1, 252, x. 3, 183, 1832, 1835. *F. v. R.* 62, pl. 32, f. 2, pl. 33, f. 1, 1837.

*Hæmylis perspersella*, *Treit. E. S.* ix. 2, 275, 1833.

*Depressaria intermediella*, *Sta. Ent. Trans.* v. 160, pl. 17, f. 4, 1849.

? *Tinea atomella*, *Illig. (W. V.)* ii. 99, 1801. *Schr. F. B.* ii. 116, 1824, 1802.

## 8. DEPRESSARIA ARENELLA.

B. M.

*Tinea arenella*, *W. V.* 137, 3, 1776. *Goëze, E. B.* iii. 4, 132, 57, 1783. *Illig. (W. V.)* ii. 99, 1801. *Charp. (W. V.)* 128. *Z. g. S.* 174, 1821.

*Hæmylis arenella*, *Treit. E. S.* ix. 1, 258, x. 3, 184, 1832, 1835. *F. v. R.* 65, pl. 33, f. 2, 1837. *Dup. L. F.* xi. 125, pl. 290, f. 2, 1838. *Evers. F. V. U.* 569, 1844.

*Depressaria arenella*, *Lienig, Isis*, 1846, p. 280. *Sta. Ent. Trans.* v. 155, 1849.

*Tortrix Yeatiana*, *Akerman, (Thun.) I. S.* 3, 51, 1792.

# CATALOGUE OF

- Tinea gilvella*, *Hüb.* 96, 1801. *Hüb. Larvæ*, iii.  
*Depressaria gilvella*, *Step. H.* iv. 199, 1834.  
*Depressaria gilvosa*, *Haw. L. B.* 507, 1812.  
 Var. *Depressaria immaculana*, *Step. H.* iv. 200, 1834.  
*Wood, I. E.* f. 1171, 1174.

## 9. DEPRESSARIA PROPINQUELLA.

B. M.

- Hæmylis propinquella*, *Treit. E. S.* x. 3, 184, 1835. *F. v. R.*  
 65, pl. 33, f. 3, 1837. *Evers. F. V. U.* 570, 1844.  
*Depressaria propinquella*, *Sta. Ent. Trans.* v. 156, 1849.  
*Depressaria gilvosa*, var.  $\beta$ , *Haw. L. B.* 507, 1812.  
 ? *Tinea Yeatiella*, *Hüb.* 418, 1816.

## 10. DEPRESSARIA SUBPROPINQUELLA.

- Depressaria subpropinquella*, *Sta. Ent. Trans.* v. 156, pl. 17,  
 f. 3, 1849.  
 ? *Hæmylis Heracliella*, *Dup. L. F.* xi. 143, pl. 290, f. 12,  
 1838.

## 11. DEPRESSARIA ALSTRÆMERIANA.

B. M.

- Phalæna* (*Tortrix*) *Alstræmeriana*, \**Clerck, I.* pl. 10, f. 1, 1759.  
*Linn. S. N.* (12), 879, 314, 1767.  
*Tortrix Alstræmeriana*, *Goëze, E. B.* iii. 4, 20, 314, 1783.  
*Gmel. S. N.* i. 5, 2509, 314, 1783. *Vill. E. L.* ii. 399, 678,  
 1789.  
*Depressaria Alstræmeriana*, *Step. H.* iv. 202, 1834.  
*Phalæna* (*Tortrix*) *Alstræmiana*, *Linn. F. S.* 1335, 1761.  
*Tortrix Alstræmiana*, *Müller, F. F.* 53, 469, 1764.  
*Pyralis Alstræmiana*, *Fab. S. E.* 653, 44, 1775. *Id. S. I.* ii.  
 286, 61, 1781. *Id. Man.* ii. 236, 108, 1787. *Id. E. S.* iii.  
 2, 275, 141, 1794. *Turt. S. N.* iii. 2, 357, 1806.  
*Depressaria Alstræmeri*, *Haw. L. B.* 508, 1812.  
*Agonopterix Alstræmerella*, *Hüb. V.* 410, 1816.  
*Hæmylis Alstræmerella*, *Treit. E. S.* ix. 1, 255, 1832. *Dup.*  
*L. F.* xi. 131, pl. 290, f. 5, 1838.  
*Tinea monilella*, *W. V.* 138, 11, 1776. *Goëze, E. B.* iii. 4,  
 133, 65, 1783. *Illig. (W. V.)* ii. 100, 1801. *Charp. (W. V.)*  
 131. *Z. g. S.* 180, 1821.  
*Tinea puella*, *Hüb.* 82, 1801.  
*Hæmylis albidella*, *Evers. F. V. U.* 570, 1844.  
*Wood, I. E.* f. 1179.

12. *DEPRESSARIA CINIFLONELLA.*

*Depressaria ciniflonella*, *Lienig & Zell. Isis*, 1846, p. 280.  
*Sta. Ent. Trans.* v. 159, 1849.

13. *DEPRESSARIA PURPUREA.*

B. M.

*Depressaria purpurea*, *Haw. L. B.* 511, 1812. *Step. H.* iv. 204, 1834.

*Tinea vaccinella*, *Hüb.* 416, 1816.

*Hæmylis vaccinella*, *Treit. E. S.* ix. 1, 236, x. 3, 177, 1832, 1835. *Dup. L. F.* xi. 156, pl. 291, f. 6, 1838.

*Wood, I. E.* f. 1186.

14. *DEPRESSARIA CAPREOLELLA.*

B. M.

*Depressaria capreolella*, *Zell. Isis*, 1839, p. 196.

*Depressaria caprella*, *Sta. Ent. Trans.* v. 157, pl. 17, f. 9, 1849.

? *Tinea Zephyrella*, *Hüb.* 414, 415, 1816.

15. *DEPRESSARIA HYPERICELLA.*

B. M.

*Tinea Hypericella*, *Hüb.* 441, 1816.

*Hæmylis Hypericella*, *Treit. E. S.* ix. 1, 236, 1832. *Dup. L. F.* xi. 135, pl. 290, f. 7, 1838.

*Depressaria Hypericella*, *Lienig, Isis*, 1846, p. 280. *Sta. Ent. Trans.* v. 158, 1849.

? *Tinea liturella*, *Hüb.* 83, 1801.

? *Depressaria liturosa*, *Haw. L. B.* 508, 1812.

? *Depressaria liturella*, *Step. H.* iv. 203, 1834.

*Wood, I. E.* f. 1184.

16. *DEPRESSARIA CONTERMINELLA.*

B. M.

*Depressaria conterminella*, *Zell. Isis*, 1839, p. 196. *Sta. Ent. Trans.* v. 158, 1849.

? *Depressaria curvipunctosa*, *Haw. L. B.* 511, 1812. *Step. H.* iv. 201, 1834.

? *Depressaria Hypericella*, *Lienig, Isis*, 1846, p. 280.

17. *DEPRESSARIA ANGELICELLA.*

B. M.

- Tinea Angelicella*, *Hüb.* 337, 1816. *Hüb. Larvæ*, iii.  
*Hæmylis Angelicella*, *Treit. E. S.* ix. 2, 273, x. 3, 183, 1832, 1835.  
*Depressaria Angelicella*, *Zell. Isis*, 1839, p. 195. *Sta. Ent. Trans.* v. 158, 1849.  
*Hæmylis rubidella*, *Dup. L. F.* xi. 133, pl. 290, f. 6, 1838.  
 ? *Hæmylis angelicella*, *Evers. F. V. U.* 569, 1844.  
 ? *Hæmylis rubidella*, *Evers. F. V. U.* 570, 1844.

18. *DEPRESSARIA CARDUELLA.*

B. M.

- Tinea Carduella*, *Hüb.* 439, 1816. *Hüb. Larvæ*, iii.  
*Depressaria Carduella*, *Step. H.* iv. 199, 1834.  
 ? *Tinea rubidella*, *Hüb.* 221, 1801.  
*Wood, I. E.* f. 1170.

19. *DEPRESSARIA OCELLANA.*

B. M.

- Pyrallis ocellana*, *Fab. S. E.* 652, 40, 1775.  
*Tortrix ocellana*, *Vill. E. L.* ii. 411, 715, 1789.  
*Depressaria ocellana*, *Step. H.* iv. 201, 1834.  
*Tinea characterella*, *W. V.* 137, 2, 1776. *Goëze, E. B.* iii. 4, 132, 56, 1783. *Illig. (W. V.)* ii. 99, 1801. *Charp. (W. V.)* 128. *Z. g. S.* 175, 1821.  
*Hæmylis characterella*, *Treit. E. S.* ix. 1, 254, ix. 2, 275, 1832, 1833. *Dup. L. F.* xi. 127, pl. 290, f. 3, 1838. *Evers. F. V. U.* 569, 1844.  
*Depressaria characterella*, *Lienig, Isis*, 1846, p. 280. *Sta. Ent. Trans.* v. 159, 1849.  
*Tinea signella*, *Hüb.* 80, 1801.  
*Depressaria signosa*, *Haw. L. B.* 508, 1812.  
 ? *Phalæna (Tinea) characterella*, *Brahm, I. K.* 223, 118, 1791.  
*Wood, I. E.* f. 1175.

20. *DEPRESSARIA YEATIANA.*

B. M.

- Pyrallis Yeatiana*, *Fab. S. I.* ii. 286, 60, 1781. *Id. Men.* ii. 235, 105, 1787. *Id. E. S.* iii. 2, 274, 136, 1794. *Turt. S. N.* iii. 2, 356, 1806.  
*Tortrix Yeatiana*, *Vill. E. L.* ii. 411, 716, 1789.

- Depressaria Yeatiana*, *Sta. Ent. Trans.* v. 160, 1849.  
*Depressaria Yeatsii*, *Haw. L. B.* 509, 1812.  
*Depressaria Yeatsana*, *Step. H.* iv. 200, 1834.  
*Depressaria putridella*, *Haw. L. B.* 509, 1812. *Step. H.* iv. 202, 1834.  
*Hæmylis Boieella*, *Freyer, N. B.* ii. 120, pl. 168, f. 3, 1836.  
*?Tinea putridella*, *W. V.* 138, 10, 1776. *Goëze, E. B.* iii. 4, 133, 64, 1783. *Hüb.* 244, 1801. *Illig. (W. V.)* ii. 100, 1801. *Charp. (W. V.)* 130, 1821.  
*?Tortrix Yeatiana*, *Gmel. S. N.* i. 5, 2507, 852, 1788.  
*?Phalæna albidana*, *Don. B. I.* x. 1, pl. 377, f. 2, 1806.  
*?Hæmylis adpersella*, *Treit. E. S.* ix. 2, 276, 1833.  
*Wood, I. E.* f. 1173.

21. *DEPRESSARIA APPLANA.*

B. M.

- Pyrallis applana*, *Fab. G. I.* 294, 1776. *Id. S. I.* ii. 288, 76, 1781. *Id. Man.* ii. 239, 134, 1787. *Id. E. S.* iii. 2, 285, 174, 1794. *Turt. S. N.* iii. 2, 360, 1806.  
*Tortrix applana*, *Goëze, E. B.* iii. 4, 30, 28, 1783. *Gmel. S. N.* i. 5, 2515, 893, 1788. *Vill. E. L.* ii. 414, 724, 1789. *Akerman, (Thun.) I. S.* 3, 52, 1792.  
*Depressaria applana*, *Haw. L. B.* 510, 1812. *Step. H.* iv. 201, 1834. *Zell. Isis*, 1839, p. 304. *Lienig, Isis*, 1846, p. 281. *Sta. Ent. Trans.* v. 161, 1849.  
*Tinea applanella*, *Fab. E. S. Sup.* 484, 18, 1798.  
*Hæmylis applanella*, *F. v. R.* 122, pl. 47, pl. 48, f. 1, 1838.  
*Phalæna Cerefolii*, *Retz. G. & S.* 45, 99, 1783.  
*Tinea Cicutella*, *Hüb.* 79, 419, 1801, 1816. *Hüb. Larvæ*, iii.  
*Hæmylis Cicutella*, *Treit. E. S.* ix. 1, 248, x. 3, 182, 1832, 1835. *Dup. L. F.* xi. 129, pl. 290, f. 4, 1838. *Evers. F. V.* U. 569, 1844.  
*?Tinea Umbellella*, *Coqueb.* pl. 7, f. 11, 1800.  
*De Geer*, i. 424, pl. 29, f. 1, 2, 6, 7, 1752.  
*De Geer*, ii. 1, 406, 1771.  
*Wood, I. E.* f. 1176, 1177, 1178.

22. *DEPRESSARIA CILIELLA.*

B. M.

- Depressaria ciliella*, *Sta. Ent. Trans.* v. 161, pl. 17, f. 7, 1849.  
*Allen Hill, Zool.* 1851, p. 3288.

## 23. DEPRESSARIA GRANULOSELLA.

*Depressaria granulosella*, *Sta. I. B. Lep. Tin.* p. 94, 1854.

## 24. DEPRESSARIA ROTUNDELLA.

B. M.

*Depressaria rotundella*, *Dougl. Zool.* 1270, f. 8, 1846.

*Depressaria peloritana*, *Zell. Isis*, 1847, p. 837.

## 25. DEPRESSARIA DEPRESSELLA.

B. M.

*Tinea depressella*, *Hüb.* 407, 1816.

*Hæmylis depressella*, *Bouché, Nat.* 125, 1834. *Dup. L. F.* xi. 139, pl. 290, f. 9, 10, 1838.

*Depressaria depressana*, *Zell. Isis*, 1839, p. 196. *Sta. Ent. Trans.* v. 163, 1849.

*Depressaria Bluntii*, *Curt. B. E.* fo. 221, 1828. *Step. H.* iv. 203, 1834.

*Hæmylis collarcella*, *Zett. I. L.* 999, 1840.

? *Pyralis depressana*, *Fab. S. E.* 655, 57, 1775. *Id. S. I.* ii. 289, 78, 1781. *Id. Man.* ii. 239, 137, 1787. *Id. E. S.* iii. 2, 287, 180, 1794. *Turt. S. N.* iii. 2, 361, 1806.

? *Tortrix depressana*, *Goëze, E. B.* iii. 4, 28, 15, 1783. *Gmel. S. N.* i. 5, 2513, 885, 1788. *Vill. E. L.* ii. 414, 725, 1789.

? *Tinea depressella*, *Fab. E. S. Sup.* 482, 22, 1798.

*Wood, I. E.* f. 1185.

## 26. DEPRESSARIA PIMPINELLÆ.

B. M.

*Depressaria Pimpinellæ*, *Zell. Isis*, 1839, p. 196. *Lienig, & Zell. Isis*, 1846, p. 282. *Sta. Ent. Trans.* v. 164, 1849.

*Anacampsis Pimpinella*, *Dup. L. F. Sup.* iv. 424, pl. 84, f. 4, 1842.

*Hæmylis pulverella*, *Evers. F. V. U.* 568, 1844.

? *Depressaria characterosa*, *Haw. L. B.* 511, 1812. *Step. H.* iv. 199, 1834.

27. *DEPRESSARIA ALBIPUNCTELLA.*

B. M.

- Tinea albipunctella*, *Hüb.* 149, 1801. *Hüb. Larvæ*, iii.  
*Hæmylis albipunctella*, *Treit. E. S.* ix. 1, 245, 1832. *Dup.*  
*L. F.* xi. 617, pl. 312, f. 6. *Evers. F. V. U.* 568, 1844.  
*Depressaria albipunctella*, *Step. H.* iv. 202, 1834. *Zell. Isis*,  
 1839, p. 196. *Sta. Ent. Trans.* v. 164, 1849.  
*Depressaria albipuncta*, *Haw. L. B.* 510, 1812.  
*Agonopterix Œgopodiella*, *Hüb. V.* 411, 1816.  
 ? *Hæmylis albipunctella*, *Treit. E. S.* x. 3, 179, 1835.

28. *DEPRESSARIA EMERITELLA.*

- Depressaria emeritella*, (*von Heyd.*), *Sta. Ent. Trans.* v. 167,  
 1849.

29. *DEPRESSARIA PULCHERRIMELLA.*

B. M.

- Depressaria pulcherrimella*, *Sta. Ent. Trans.* v. 164, pl. 17, f. 8,  
 1849.

30. *DEPRESSARIA DOUGLASELLA.*

- Depressaria Douglasella*, *Sta. Ent. Trans.* v. 165, 1849.

31. *DEPRESSARIA WEIRELLA.*

B. M.

- Depressaria Weirella*, *Sta. Ent. Trans.* v. 165, pl. 17, f. 5,  
 1849.  
 ? *Depressaria apiosa*, *Haw. L. B.* 509, 1812.

32. *DEPRESSARIA CHÆROPHYLLI.*

B. M.

- Depressaria Chærophylli*, *Zell. Isis*, 1839, p. 196, 305. *Sta.*  
*Ent. Trans.* v. 166, 1849.  
*Pyrallis Heracleana*, *Fab. E. S.* iii. 2, 286, 178, 1794.  
 ? *Tinea Heraclella*, *Fab. E. S. Sup.* 484, 20, 1798. *Walck.*  
*F. P.* ii. 318, 1802.  
 ? *Pyrallis Heracleana*, *Turt. S. N.* iii. 2, 361, 1806.  
 ? *Depressaria badia*, *Haw. L. B.* 509, 1812.  
*Wood, I. E.* f. 1169.



33. *DEPRESSARIA ULTIMELLA.*

B. M.

*Depressaria ultimella*, *Sta. Ent. Trans.* v. 166, pl. 17, f. 6, 1849.

34. *DEPRESSARIA NERVOSA.*

B. M.

*Depressaria nervosa*, *Haw. L. B.* 506, 1812. *Step. H.* iv. 198, 1834. *Sta. Ent. Trans.* v. 167, 1849. *Allen Hill, Zool.* 1851, p. 3288.

? *Tinea Daucella*, *W. V.* 1375, 1776. *Goëze, E. B.* iii. 4, 133, 59, 1783. *Illig. (W. V.)* ii. 99, 1801. *Charp. (W. V.)* 129, 1821. *Bouché, Gart. In.* 120, 1833.

? *Hæmylis Daucella*, *Treit. E. S.* ix. 1, 247, x. 3, 180, 1832, 1835. *Bouché, Nat.* 124, 1834.

? *Depressaria Daucella*, *Zell. Isis*, 1839, p. 196.

? *Tinea rubricella*, *W. V.* 142, 5, 1776. *Goëze, E. B.* iii. 4, 138, 114, 1783.

? *Tinea apiella*, *Hüb.* 94, 1801.

? *Depressaria apicella*, *Step. H.* iv. 198, 1834.

35. *DEPRESSARIA BADIELLA.*

B. M.

*Tinea badiella*, *Hüb.* 92, 1801.

*Hæmylis badiella*, *Treit. E. S.* x. 3, 180, 1835. *Evers. F. V.* U. 568, 1844.

*Depressaria badiella*, *Zell. Isis*, 1839, p. 196. *Sta. Ent. Trans.* v. 168, 1849.

*Hæmylis Pastinacella*, *Dup. L. F.* xi. pl. 291, f. 5, 1838.

? *Depressaria badiella*, *Step. H.* iv. 198, 1834.

*Wood, I. E.* f. 1168.

36. *DEPRESSARIA PASTINACELLA.*

B. M.

*Hæmylis Pastinacella*, *Dup. L. F.* xi. 153, pl. 291, f. 4, 1838.

*Depressaria Pastinacella*, *Sta. Ent. Trans.* v. 168, 1849.

37. *DEPRESSARIA HERACLIANA.*

B. M.

*Phalæna Tinea Heracliana*, *De Geer*, ii. 1, 407, 1771.

*Depressaria Heracliana*, *Step. H.* iv. 197, 1834.

- Hæmylis Heracleana*, *Zell. Isis*, 1838, p. 678, 1838.  
*Depressaria Heracleana*, *Zell. Isis*, 1839, p. 196, 305.  
*Sta. Ent. Trans.* v. 169, 1849.  
*Phalæna Heraclei*, *Retz. G. & S.* 45, 100, 1783.  
*Depressaria Heraclei*, *Haw. L. B.* 505, 1812.  
 ? *Phalæna Tortrix Heracleana*, *Linn. S. N.* (10), 532, 225, 1758. *Id. F. S.* 1334, 1761. *Id. S. N.* (12), 880, 326, 1767.  
 ? *Pyralis Heracleana*, *Fab. S. E.* 655, 56, 1775. *Id. S. I.* ii. 288, 17, 1781. *Id. Man.* ii. 239, 136, 1787. *Rossi, F. E.* ii. 203, 1213, 1790. *Lat. H. N.* xiv. 246, 1802.  
 ? *Tortrix Heracleana*, *Gmel. S. N.* i. 5, 2513, 326, 1788. *Vill. E. L.* ii. 403, 690, 1789.  
 ? *Pyralis Umbellana*, *Fab. E. S.* iii. 2, 286, 177, 1794. *Turt. S. N.* iii. 2, 360, 1806.  
 ? *Tinea Umbellella*, *Fab. E. S.* Sup. 484, 19, 1798.  
*Wood, I. E.* f. 1163.

## 7, (129, 485). PSORICOPTERA.

- Psoricoptera*, *Sta. I. B. Lep. Tin.* p. 100, 1854.  
*Gelechia*, p., *Zell. Isis*, 1839, p. 196.

## 1. PSORICOPTERA GIBBOSELLA.

B. M.

- Gelechia gibbosella*, *Zell. Isis*, 1839, p. 202. *Lienig & Zell. Isis*, 1846, p. 291.  
 ? *Anacamptis Zephyrella*, *Step. H.* iv. 206, 1834.

## 8, (130, 486). GELECHIA.

- Gelechia*, p., *Zell. Isis*, 1839, p. 197.  
*Recurvaria*, p., *Haw. L. B.* 547, 1829.  
*Anacamptis*, p., *Curt. B. E.* fo. 189, 1827.  
*Hæmylis*, p., et *Lita*, p., *Zett. I. L.* 998, 1003, 1840.  
*Hæmylis*, p., *Lita*, p., et *Cecophora*, p., *Treit. E. S.* ix. 1, 235, ix. 2, 108, 155, 1832, 1833.  
*Anacamptis*, p., *Acompsia*, et *Harpagus*, *Step. II.* iv. 204, 222, 278, 1834.  
*Anacamptis*, *Lita*, et *Acompsia*, *Dup. L. F.* xi. 266, 281, 334, 1838.

Anacampsis, Lita, Enolmis, et Acompsia, *Dup. Cat.* 336, 337, 340, 341, 1844.

Mesophleps, p., Acompsia, p., Nothris, p., Scythropia, p., Gelechia, Brachmia, p., et Chionodes, p., *Hüb. V.* 405, 409, 411, 413, 415, 419, 420, 1816.

### 1. GELECHIA CINERELLA.

B. M.

Phalæna (Tinea) cinerella, *Linn. F. S.* 1445, 1761. *Id. S. N.* (12), 891, 392, 1767. \**Clerck, I.* pl. xi. f. 6, 1759.

Tinea cinerella, *Fab. S. E.* 662, 40, 1775. *Id. S. I.* ii. 299, 55, 1781. *Id. Man.* ii. 249, 86, 1787. *Id. E. S.* iii. 2, 313, 117, 1794. *W. V.* 138, 25, 1776. *Müller, Z. D. P.* 135, 1563, 1776. *Goëze, E. B.* iii. 4, 103, 392, 1783. *Gmel. S. N. i.* 5, 2596, 392, 1788. *Vill. E. L.* ii. 473, 883, 1789. *Cederh. F. I.* 258, 813, 1798. *Illig. (W. V.)* ii. 100, 1801. *Turt. S. N.* iii. 2, 373, 1806. *Charp. (W. V.)* 136. *Z. g. S.* 189, 1821. *Treit. Heulfs.* 403, 1834.

Lita cinerella, *Treit. E. S.* ix. 2, 81, 1833. *Zett. I. L.* 1004, 1840. *Evers. F. V. U.* 581, 1844.

. Anacampsis cinerella, *Step. H.* iv. 207, 1834.

Acompsia cinerella, *Step. H.* iv. 222, 1834. *Dup. L. F.* xi. 338, pl. 299, f. 2, 1838.

Recurvaria cinerea, *Haw. L. B.* 547, 1829.

Tinea ardeliella, *Hüb.* 437, 1816.

? Tinea cinerella, *Hüb.* 173, 1801.

*Wood, I. E.* f. 1242.

### 2. GELECHIA RUFESCOENS.

B. M.

Recurvaria rufescens, *Haw. L. B.* 555, 1829.

Cleodora rufescens, *Step. H.* iv. 221, 1834. *Curt. B. E.* fo. 671, 1837.

Acompsia tinctella, *Step. H.* iv. 223, 1834.

Gelechia diaphanella, *Lienig, Isis*, 1846, p. 285.

Gelechia Isabella, *Zell. Ent. Ztg.* 1850, p. 151.

? Lita simplella, *Evers. F. V. U.* 581, 1844.

*Wood, I. E.* f. 1244.

### 3. GELECHIA INORNATELLA.

Gelechia inornatella, *Dougl. Ent. Trans.* i. n. s., 65, 1850.

## 4. GELECHIA GERRONELLA.

B. M.

*Gelechia gerronella*, *Zell. Ent. Ztg.* 1850, p. 155. *Dougl. Ent. Trans.* i. n. s., 1850.

## 5. GELECHIA VILELLA.

*Gelechia vilella*, *Zell. Isis*, 1847, p. 845. *Dougl. Ent. Trans.* v. 199, 1849.

? *Recurvaria subcinerea*, *Haw. L. B.* 548, 1829.

? *Anacampsis subcinerea*, *Step. H.* iv. 207, 1834.

## 6. GELECHIA BASALIS.

*Gelechia basalis*, (*Dougl.*), *Sta. I. B. Lep. Tin.* p. 105, 1854.

? *Tinea Hippophaella*, *Schr. F. B.* ii. 115, 1822, 1802.

## 7. GELECHIA MALVELLA.

B. M.

*Tinea Malvella*, *Hüb.* 281, 1812.

*Hæmylis Malvella*, *F. v. R.* 121, pl. 46, 1838.

*Anacampsis Malvella*, *Dup. L. F.* xi. 274, pl. 296, f. 6, 1838.

*Gelechia Malvella*, *Zell. Isis*, 1839, p. 198. *Dougl. Ent. Trans.* v. 175, 1849.

? *Recurvaria Listeri*, *Haw. L. B.* 548, 1829.

? *Anacampsis Listerella*, *Step. H.* iv. 205, 1834.

## 8. GELECHIA POPULELLA.

B. M.

*Phalæna* (*Tinea*) *Populella*, *Linn. F. S.* 1442, 1761. *Id. S. N.* (12), 892, 399, 1767.

*Tinea Populella*, *Gmel. S. N.* i. 5, 2597, 399, 1788. *Vill. E. L.* ii. 475, 890, 1789. *Fab. E. S. Sup.* 480, 17, 1798.

*Schr. F. B.* ii. 120, 1836, 1802. *Treit. Heulfs.* 389, 1834.

*Hæmylis Populella*, *Treit. E. S.* ix. 1, 242, 1832. *Zett. I. L.* 998, 1840.

*Anacampsis Populella*, *Step. H.* iv. 205, 1834. *Dup. L. F.* xi. 268, pl. 296, f. 1—4, 1838.

*Lita Populella*, *F. v. R.* 217, pl. 76, pl. 77, f. 1, 1840. *Evers. F. V. U.* 581, 1844.

*Gelechia Populella*, *Lienig, Isis*, 1846, p. 284.

*Recurvaria Populi*, *Haw. L. B.* 548, 1829.

*Tinea tremella*, *W. V.* 139, 27, 1776. *Goëze, E. B.* iii. 4, 134, 74, 1783. *Illig. (W. V.)* ii. 104, 1801. *Hüb. Larvæ*, iii. *Charp. (W. V.)* 137. *Z. g. S.* 190, 1821.

*Nothris tremella*, *Hüb. V.* 411, 1816.

*Tinea blattariella*, *Hüb.* 148, 1801.

*Anacampsis Juniperella*, *Step. H.* iv. 205, 1834.

*Anacampsis Tremulella*, *Dup. L. F.* xi. 172 (*fuliginella*), pl. 296, f. 5, 1838.

? *Tortrix Populana*, *Goëze, E. B.* iii. 4, 24, 1, 1783.

? *Tinea Populella*, *Goëze, E. B.* iii. 4, 104, 399, 1783.

? *Recurvaria Juniperi*, *Haw. L. B.* 548, 1829.

? *Anacampsis hortuella*, *Step. H.* iv. 205, 1834.

*Wood, I. E.* f. 1187, 1188.

#### 9. GELECHIA NIGRA.

B. M.

*Recurvaria nigra*, *Haw. L. B.* 550, 1829.

*Gelechia nigra*, *Dougl. Ent. Trans.* v. 196, 1849.

*Anacampsis rusticella*, *Step. H.* iv. 210, 1834.

*Gelechia cautella*, *Zell. Isis*, 1839, p. 200.

*Anacampsis cautella*, *Dup. L. F. Sup.* iv. 433, pl. 84, f. 12, 1842.

#### 10. GELECHIA TEMERELLA.

B. M.

*Gelechia temerella*, *Lienig, Isis*, 1846, p. 284.

*Gelechia pernigrella*, *Dougl. Ent. Trans.* i. n. s., 64, 1850.

#### 11. GELECHIA LENTIGINOSELLA.

*Gelechia lentiginosella*, (*Tischer*), *Zell. Isis*, 1839, p. 198.

*Dougl. Ent. Trans.* v. 198, 1849. *Id. Ent. Trans.* i. n. s., 246, 1852.

*Lita lentiginosella*, *F. v. R.* 230, pl. 80, f. 3, 1840. *Evers. F. V. U.* 582, 1844.

? *Tinea obscurella*, *Hüb.* 438, 1816.

? *Hæmylis obscurella*, *Treit. E. S.* ix. 1, 240, 1832.

#### 12. GELECHIA VELOCELLA.

B. M.

*Lita velocella*, (*Tischer*), *Dup. L. F.* xi. 287, pl. 297, f. 3, 1838.

*F. v. R.* 222, pl. 77, f. 4, 1839.

*Gelechia velocella*, Zell. *Isis*, 1839, p. 198. *Dougl. Ent. Trans.* v. 195, 1849.  
*Lita subsequilla*, Treit. *E. S.* ix. 2, 83, 1833.  
*Anacampsis nebulea*, Dougl. *Zool.* 1847, p. 1789.  
 Wood, *I. E.* f. 1191.

13. *GELECHIA FUMATELLA.*

*Gelechia fumatella*, Dougl. *Ent. Trans.* i. n. s., 67, 1850.

14. *GELECHIA ERICETELLA.*

B. M.

*Tinea ericetella*, Hüb. 470, 1829.  
*Recurvaria Betulea*, Haw. *L. B.* 549, 1829.  
*Anacampsis Betulea*, Step. *H.* iv. 206, 1834.  
*Lita gallinella*, Treit. *E. S.* ix. 2, 79, 1833.  
*Anacampsis gallinella*, Dup. *L. F.* xi. 278, pl. 296, f. 9, 1838.  
*Gelechia gallinella*, Zell. *Isis*, 1839, p. 198. Lienig, *Isis*, 1846, p. 185.  
*Anacampsis lanceolella*, Step. *H.* iv. 211, 1834.  
 Wood, *I. E.* f. 1210.

15. *GELECHIA MULINELLA.*

B. M.

*Gelechia mulinella*, (Tischer), Zell. *Isis*, 1839, p. 199. *Dougl. Ent. Trans.* i. n. s., 60, 1850.  
*Recurvaria interrupta*, Haw. *L. B.* 554, 1829.  
 ? *Anacampsis interruptella*, Step. *H.* iv. 215, 1834.

16. *GELECHIA DIVISELLA.*

*Gelechia divisella*, Dougl. *Ent. Trans.* i. n. s., 60, 1850.

17. *GELECHIA PALUSTRELLA.*

*Ypsolophus*? *palustrellus*, Dougl. *Ent. Trans.* i. n. s. Proc. 14, 1850.

## 18. GELECHIA SORORCULELLA.

B. M.

*Tinea sororculella*, *Hüb.* 440, 1816.

*Hæmylis sororculella*, *Treit. E. S.* ix. 1, 238, 1832. *Frey. N. B.* ii. 21, pl. 108, f. 3, 1836.

*Lita sororculella*, *Treit. E. S.* x. 3, 198, 1835.

*Gelechia sororculella*, *Zell. Isis*, 1839, p. 198. *Lienig, Isis*, 1846, p. 286. *Dougl. Ent. Trans.* v. 178, 1849.

## 19. GELECHIA CUNEATELLA.

*Gelechia cuneatella*, (*Zell.*), *Dougl. Ent. Trans.* i. n. s., 242, 1852.

## 20. GELECHIA PELIELLA.

*Lita peliella*, (*Tischer*), *Treit. E. S.* x. 3, 198, 1835. *Dup. B. F.* xi. 294, pl. 297, f. 11, 1838.

*Gelechia peliella*, *Zell. Isis*, 1839, p. 199. *Dougl. Ent. Trans.* v. 200, 1849.

## 21. GELECHIA ALACELLA.

B. M.

*Lita alacella*, (*Zell.*), *Dup. L. F.* xi. 296, pl. 297, f. 12, 1838.

*Gelechia alacella*, *Zell. Isis*, 1839, p. 199. *Dougl. Ent. Trans.* v. 200, 1849.

## 22. GELECHIA LONGICORNIS.

B. M.

*Anacampsis longicornis*, *Curt. B. E.* fo. 189, 1827. *Step. H.* iv. 207, 1834.

*Tinea histrionella*, *Hüb.* 464, 1829.

*Lita histrionella*, *Dup. L. F.* xi. 285, pl. 297, f. 1, 2, 1838.

*Lita zebrella*, *Treit. E. S.* ix. 2, 82, x. 3, 197, 1833, 1835.

*Gelechia zebrella*, *Lienig, Isis*, 1846, p. 286.

*Wood, I. E.* f. 1198.

## 23. GELECHIA DIFFINIS.

B. M.

*Recurvaria diffinis*, *Haw. L. B.* 551, 1829.

*Lita dissimilella*, *Dup. L. F.* xi. 289, pl. 297, f. 4, 1838.

*Gelechia scabidella*, *Zell. Isis*, 1839, p. 199. *Lienig, Isis*, 1846, p. 286.

? *Recurvaria nebulea*, *Haw. L. B.* 549, 1829.

? *Anacampsis nebulea*, *Step. H.* iv. 206, 1834.

? *Anacampsis diffinis*, *Step. H.* iv. 209, 1834.

? *Lita dissimilella*, *Evers. F. V. U.* 580, 1844.

*Wood, I. E.* f. 1190.

## 24. GELECHIA TERRELLA.

B. M.

*Tinea terrella*, *W. V.* 140, 49, 1776. *Goëze, E. B.* iii. 4, 136, 92, 1783. *Hüb.* 170, 1801. *Illig. (W. V.)* ii. 108, 1801.

*Lita terrella*, *Treit. E. S.* ix. 2, 77, 1833. *F. v. R.* 227, pl. 80, f. 1, 289, pl. 96, 1840, 1841.

*Anacampsis terrella*, *Dup. L. F.* xi. 275, (*zephyrella*), pl. 296, f. 7, 8, 1838.

*Gelechia terrella*, *Zell. Isis*, 1839, p. 199. *Id. Isis*, 1847, p. 850.

*Recurvaria lutarea*, *Haw. L. B.* 549, 1829.

*Anacampsis lutarea*, *Step. H.* iv. 207, 1834.

*Hæmylis zephyrella*, *Treit. E. S.* ix. 1, 241, 1832.

*Lita zephyrella*, *Treit. E. S.* x. 3, 199, 1835. *Evers. F. V. U.* 581, 1844.

? *Tinea trinitella*, *Wenner, (Thun.) I. S.* 7, 95, 1794.

? *Ypsolophus pratensis*, *Coqueb.* ii. 75, pl. 17, f. 17, 1801.

*Wood, I. E.* f. 1195, 1196, 1197.

## 25. GELECHIA DESERTELLA.

*Gelechia desertella*, (*Edl.*), *Dougl. Ent. Trans.* i. n. s., 62, 1850.

## 26. GELECHIA POLITELLA.

*Gelechia politella*, (*Dougl.*), *Sta. Sup. Cat.* p. 4, 1851. *Dougl. Ent. Trans.* i. n. s., 241, 1852.

## 27. GELECHIA ACUMINATELLA.

*Gelechia acuminatella*, *Sircom, (♀) Zool.* 1850, App. 72. *Dougl. Ent. Trans.* i. n. s., 242, 1852.



*Gelechia Cirsiiella*, *Sta. Sup. Cat.* p. 4, 1851.

? *Gelechia pulliginella*, *Sircom, Zool.* 1850, App. 72. *Dougl. Ent. Trans.* i. n. s., 243, 1852.

28. *GELECHIA ARTEMISIELLA.*

B. M.

*Lita Artemisiella*, (*Tischer*), *Treit. E. S.* ix. 2, 97, 1833.

*F. v. R.* 53, pl. 30, f. 2, 1836. *Dup. L. F.* xi. 320, pl. 298, f. 8, 1838.

*Gelechia artemisiella*, *Zell. Isis*, 1839, p. 201. *Lienig, Isis*, 1846, p. 291. *Dougl. Ent. Trans.* v. 201, 1849.

29. *GELECHIA SENECTELLA.*

*Gelechia senectella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 199. *Lienig, Isis*, 1846, p. 286. *Dougl. Ent. Trans.* i. n. s., 68, 1850.

30. *GELECHIA MUNDELLA.*

*Gelechia mundella*, *Dougl. Ent. Trans.* i. n. s., 64, 1850.

31. *GELECHIA SIMILIS.*

*Gelechia similis*, (*Dougl.*), *Sta. I. B. Lep. Tin.* p. 115, 1854.

32. *GELECHIA AFFINIS.*

B. M.

*Recurvaria affinis*, *Haw. L. B.* 551, 1829.

*Anacampsis affinis*, *Step. H.* iv. 209, 1834.

*Gelechia affinis*, *Dougl. Ent. Trans.* i. n. s., 17, 1850.

*Gelechia umbrosella*, *Zell. Isis*, 1839, p. 201.

? *Lita umbrosella*, *Dup. L. F. Sup.* iv. 289, pl. 74, f. 10, 1842.

33. *GELECHIA BOREELLA.*

*Gelechia boreella*, *Dougl. Ent. Trans.* i. n. s., 105, 1851.

34. *GELECHIA GALBANELLA.*

*Gelechia Galbanella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 200. *Dougl. Ent. Trans.* i. n. s., 245, 1852.

## 35. GELECHIA BASALTINELLA.

*Gelechia basaltinella*, *Zell. Isis*, 1839, p. 198. *Id. Ent. Ztg.* 1850, p. 163. *Dougl. Ent. Trans.* i. n. s., 105, 1851.  
*Recurvaria domestica*, var.  $\beta$ ., *Haw. L. B.* 551, 1829.

## 36. GELECHIA DOMESTICA.

B. M.

*Recurvaria domestica*, *Haw. L. B.* 551, 1829.  
*Anacampsis domestica*, *Step. H.* iv. 209, 1834.  
*Wood, I. E.* f. 1203.

## 37. GELECHIA RHOMBELLA.

B. M.

*Tinea rhombella*, *Hüb.* 277, 1812. *Charp. (W. V.)* 141. *Z. g. S.* 197, 1821.  
*Lita rhombella*, *Treit. E. S.* ix. 2, 93, 1833. *Dup. L. F.* xi. 303, pl. 297, f. 7, 1838.  
*Gelechia rhombella*, *Lienig, Isis*, 1846, p. 286. *Dougl. Ent. Trans.* v. 197, 1849.  
*Recurvaria rhombea*, *Haw. L. B.* 549, 1829.  
 ? *Tinea rhombella*, *W. V.* 139, 38, 1776. *Goëze, E. B.* iii. 4, 135, 83, 1783. *Illig. (W. V.)* ii. 106, 1801.  
 ? *Lita rhombella*, *Evers. F. V. U.* 584, 1844.  
 ? *Tinea axilella*, *Wenner, (Thun.) I. S.* 7, 95, 1794.

## 38. GELECHIA PROXIMELLA.

B. M.

*Tinea proximella*, *Hüb.* 228, 1801. *Ratz. F. I.* ii. 252, 1840.  
*Lita proximella*, *Treit. E. S.* ix. 2, 90, 1833. *Dup. L. F.* xi. 301, pl. 297, f. 10, 1838. *Evers. F. V. U.* 583, 1844.  
*Gelechia proximella*, *Zell. Isis*, 1839, p. 200. *Lienig, Isis.* 1846, p. 287. *Dougl. Ent. Trans.* v. 197, 1849.  
 ? *Anacampsis rhombella*, *Step. H.* iv. 207, 1834.  
 ? *Lita pullatella*, *Dup. L. F.* xi. 305, pl. 297, f. 6, 1838.  
 ? *Lita proximella*, *Bert. L. Bon.* 200, 1844.  
*Wood, I. E.* f. 1194.

## 39. GELECHIA NOTATELLA.

B. M.

*Tinea notatella*, *Hüb.* 344, 1816.

*Lita notatella*, *Treit. E. S.* ix. 2, 95, 1833.

*Gelechia notatella*, *Lienig, Isis*, 1846, p. 287. *Dougl. Ent. Trans.* i. n. s., 18, 1850.

*Gelechia proximella*, var.  $\beta$ ., *Zell. Isis*, 1839, p. 200.

## 40. GELECHIA HUMERALIS.

B. M.

*Gelechia humeralis*, *Zell. Isis*, 1839, p. 200. *Id. Isis*, 1847, p. 852. *Dougl. Ent. Trans.* i. n. s., 19, 1850.

*Anacampsis Lyellella*, (*Curt.*), *Hump. & West. B. M.* ii. 190, pl. 106, f. 10, 1845.

?*Tinea decorella*, *Haw. Tr. Ent.* i. 338, 1812.

## 41. GELECHIA VULGELLA.

B. M.

*Tinea vulgella*, *Hüb.* 346, 1816.

*Gelechia vulgella*, *Zell. Isis*, 1839, p. 201.

*Recurvaria aspera*, *Haw. L. B.* 550, 1829.

*Anacampsis aspera*, *Step. H.* iv. 219, 1834.

?*Tinea vulgella*, *W. V.* 139, 44, 1776. *Goëze, E. B.* iii. 4, 135, 87, 1783.

?*Lita vulgella*, *Dup. L. F. Sup.* iv. 292, pl. 74, f. 14, 1842.

*Wood, I. E.* f. 1202.

## 42. GELECHIA LUCULELLA.

B. M.

*Tinea luculella*, *Hüb.* 397, 1816.

*Anacampsis luculella*, *Dup. L. F.* xi. 626, pl. 312, f. 13, 1838.

*Gelechia luculella*, *Zell. Isis*, 1839, p. 202.

*Recurvaria subrosea*, *Haw. L. B.* 553, 1829.

*Anacampsis subrosea*, *Step. H.* iv. 212, 1834.

*Anacampsis luctuella*, *Step. H.* iv. 212, 1834.

*Wood, I. E.* f. 1206.

## 43. GELECHIA SCRIPTELLA.

B. M.

*Tinea scriptella*, *Hüb.* 132, 1801.

*Lita scriptella*, *Treit. E. S.* ix. 2, 96, 1833.

*Gelechia scriptella*, *Zell. Ent. Ztg.* 1850, p. 154.

*Recurvaria Blattariæ*, *Haw. L. B.* 553, 1829.

*Anacampsis tremella*, *Step. H.* iv. 214, 1834.

? *Lita scriptella*, *Dup. L. F.* xi. 311, pl. 298, f. 3, 1838.

*Evers. F. V. U.* 584, 1844.

*Wood, I. E.* f. 1223.

#### 44. GELECHIA FUGITIVELLA.

B. M.

*Gelechia fugitivella*, *Zell. Isis*, 1839, p. 200. *Lienig, Isis*, 1846, p. 287. *Dougl. Ent. Trans.* i. n. s., 61, 1850.

? *Lita pullatella*, *Evers. F. V. U.* 584, 1844.

#### 45. GELECHIA ÆTHIOPS.

B. M.

*Anacampsis Æthiops*, (*West.*), *Hump. & West. B. M.* ii. 192, pl. 107, f. 13, 1845.

*Gelechia Æthiops*, *Dougl. Ent. Trans.* i. n. s., 16, 247, 1850, 1852.

#### 46. GELECHIA SOLUTELLA.

*Gelechia solutella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 199.

*Gelechia fumosella*, *Dougl. Ent. Trans.* i. n. s., 241, 1852.

? *Anacampsis solutella*, *Dup. L. F. Sup.* iv. 266, pl. 73, f. 2, pl. 85, f. 14, 1842.

? *Anacampsis tephritidella*, *Dup. L. F. Sup.* iv. 432, pl. 84, f. 11, 1842.

#### 47. GELECHIA DISTINCTELLA.

*Gelechia distinctella*, *Zell. Isis*, 1839, p. 199. *Dougl. Ent. Trans.* v. 199, 1849.

*Lita distinctella*, *F. v. R.* 229, pl. 80, f. 2, 1840. *Evers. F. V. U.* 582, 1844.

? *Anacampsis distinctella*, *Dup. L. F. Sup.* iv. 265, pl. 73, f. 1, 1842.

## 48. GELECHIA CELERELLA.

*Gelechia celerella*, (*Dougl.*), *Sta. Sup. Cat.* p. 5, 1851. *Dougl. Ent. Trans.* i. n. s., 243, 1852.

## 49. GELECHIA COSTELLA.

B. M.

*Anacampsis costella*, (*Step.*), *Hump. & West. B. M.* ii. 192, pl. 107, f. 15, 1845.

*Gelechia costella*, *Dougl. Ent. Trans.* i. n. s., 19, 247, 1850, 1852.

## 50. GELECHIA MACULEA.

B. M.

*Recurvaria maculea*, *Haw. L. B.* 552, 1829.

*Anacampsis maculella*, *Step. H.* iv. 214, 1834.

*Gelechia maculella*, *Dougl. Ent. Trans.* i. n. s., 246, 1852.

*Gelechia blandella*, *Dougl. Ent. Trans.* ii. n. s., 77, pl. 10, f. 2, 1852.

*Wood, I. E.* f. 1224.

## 51. GELECHIA TRICOLORELLA.

B. M.

*Tinea tricolorella*, *Haw. Tr. Ent.* i. 338, 1812.

*Anacampsis tricolorella*, *Step. H.* iv. 212, 1834.

*Recurvaria contigua*, *Haw. L. B.* 552, 1829.

*Anacampsis contigua*, *Step. H.* iv. 211, 1834.

*Gelechia contigua*, *Dougl. Ent. Trans.* ii. n. s., 76, pl. 10, f. 1, 1852.

*Wood, I. E.* f. 1215.

## 52. GELECHIA FRATERNELLA.

*Gelechia fraternella*, *Dougl. Ent. Trans.* i. n. s., 101, 248, 1851, 1852. *Id. Ent. Trans.* ii. n. s., 77, pl. 10, f. 3, 1852.

? *Tinea quadripunctella*, *Haw. Tr. Ent.* i. 338, 1812.

## 53. GELECHIA MACULIFERELLA.

B. M.

*Gelechia maculiferella*, (*Mann.*), *Dougl. Ent. Trans.* i. n. s., 102, 1851.

*Recurvaria proxima*, *Haw. L. B.* 552, 1829.  
*Anacampsis proxima*, *Step. H.* iv. 212, 1834.

54. *GELECHIA JUNCTELLA*.

*Gelechia junctella*, *Dougl. Ent. Trans.* i. n. s., 103, 1851.

55. *GELECHIA VICINELLA*.

*Gelechia vicinella*, *Dougl. Ent. Trans.* i. n. s., 102, 1851.

56. *GELECHIA HUBNERI*.

*Recurvaria Hübneri*, *Haw. L. B.* 551, 1829.  
*Anacampsis Hübneri*, *Step. H.* iv. 211, 1834.  
*Gelechia Hübneri*, *Dougl. Ent. Trans.* i. n. s., 63, 1850.

57. *GELECHIA MARMOREA*.

B. M.

*Recurvaria marmorea*, *Haw. L. B.* 553, 1829.  
*Anacampsis marmorea*, *Step. H.* iv. 213, 1834.  
*Laverna marmorea*, *Curt. B. E.* fo. 735, 1839.  
*Gelechia marmorea*, *Dougl. Ent. Trans.* i. n. s., 104, 1851.  
 ? *Gelechia Manniella*, *Zell. Isis*, 1839, p. 198.  
*Wood, I. E.* f. 1216.

58. *GELECHIA INSTABILELLA*.

B. M.

*Anacampsis instabilella*, *Dougl. Zool.* 1270, f. 10, 1846.  
*Gelechia instabilella*, *Dougl. Ent. Trans.* v. 201, 1849.

59. *GELECHIA ATRIPLICELLA*.

B. M.

*Lita Atriplicella*, *F. v. R.* 223, pl. 78, 1839.  
*Gelechia Atriplicella*, *Bouché, Ent. Ztg.* 1847, p. 162. *Dougl. Ent. Trans.* i. n. s., 20, 1850.  
 ? *Lita Atriplicella*, *Dup. L. F. Sup.* iv. 270, pl. 73, f. 7, 1842.

## 60. GELECHIA OBSOLETELLA.

B. M.

*Lita obsoletella*, *F. v. R.* 225, pl. 79, 1840.

*Gelechia obsoletella*, *Dougl. Ent. Trans.* i. n. s., 20, 1850.

? *Tinea elongella*, *W. V.* 141, 67, 1776. *Hüb. Larvæ*, iii.

? *Lita obsoletella*, *Dup. L. F. Sup.* iv. 261, pl. 72, f. 11, 1842.

## 61. GELECHIA LITTORELLA.

*Gelechia littorella*, *Dougl. Ent. Trans.* i. n. s., 67, 1850.

## 62. GELECHIA SEQUAX.

B. M.

*Recurvaria sequax*, *Haw. L. B.* 552, 1829.

*Anacamptis sequax*, *Step. H.* iv. 211, 1834.

*Gelechia sequax*, *Dougl. Ent. Trans.* i. n. s., 246, 1852.

? *Lita apicistrigella*, *Dup. L. F. Sup.* iv. 282, pl. 74, f. 4, 1842.

*Wood, I. E.* f. 1204, 1212.

## 63. GELECHIA ALEELLA.

B. M.

*Tinea aleella*, *Fab. E. S.* iii. 2, 317, 136, 1794. *Turt. S. N.* iii. 2, 374, 1806.

*Gelechia aleella*, *Zell. Isis*, 1839, p. 200.

*Tinea alternella*, *Hüb.* 151, 1801.

*Anacamptis alternella*, *Step. H.* iv. 216, 1834.

*Recurvaria alterna*, *Haw. L. B.* 557, 1829.

*Yponomeuta bicolorella*, *Treit. E. S.* ix. 1, 233, 1832.\*

*Lita bicolorella*, *Dup. L. F.* xi. 313, pl. 298, f. 4, 1838. *Evers. F. V. U.* 585, 1844.

*Wood, I. E.* f. 1227.

## 64. GELECHIA LEUCATELLA.

B. M.

*Phalæna* (*Tinea*) *leucatella*, *Linn. F. S.* 1444, 1761. *Id. S. N.* (12), 891, 391, 1767. \**Clerck, I.* pl. 11, f. 3, 1759.

*Tinea leucatella*, *Müller, F. F.* 58, 516, 1764. *Id. Z. D. P.* 135, 1566, 1776. *Fab. S. E.* 662, 37, 1775. *Id. S. I.* ii. 298, 49, 1781. *Id. Man.* ii. 247, 75, 1787. *Id. E. S.* iii. 2,

- 309, 99, 1794. *Id. E. S. Sup.* 487, 32, 1798. *W. V.* 139, 42, 1776. *Goëze, E. B.* iii. 4, 102, 391, 1783. *Gmel. S. N.* i. 5, 2596, 391, 1788. *Vill. E. L.* ii. 473, 862, 1789. *Hüb.* 146, 1801. *Illig. (W. V.)* ii. 106, 1801. *Turt. S. N.* iii. 2, 371, 1806. *Charp. (W. V.)* 142. *Z. g. S.* 199, 1821. *Treit. Heulfs.* 403, 1834.
- Lita leucatella, Treit. E. S.* ix. 2, 101, 1833. *Dup. L. F.* xi. 326, 1838. *Evers. F. V. U.* 585, 1844.
- Telea leucatella, Step. H.* iv. 246, 1834.
- Gelechia leucatella, Zell. Isis,* 1839, p. 199. *Lienig, Isis,* 1846, p. 286.
- Erminea leucatea, Haw. L. B.* 514, 1829.
- Lita albocingulella, Dup. L. F.* xi. 330, pl. 298, f. 13, 1838.
- ? *Lita leucatella, Dup. L. F.* xi. pl. 298, f. 11, 1838.
- Wood, I. E.* f. 1290.

## 65. GELECHIA ALBICEPS.

B. M.

- Gelechia albiceps, Zell. Isis,* 1839, p. 202.
- Recurvaria nana, Haw. L. B.* 554, 1829.
- Anacampsis aleella, Step. H.* iv. 215, 1834.
- Wood, I. E.* f. 1214, 1225.

## 66. GELECHIA NANELLA.

B. M.

- Tinea nanella, Hüb.* 267, 1812.
- Gelechia nanella, Zell. Isis,* 1839, p. 201.
- Lita nanella, Dup. L. F. Sup.* iv. 284, pl. 74, f. 6, 1842.
- Recurvaria nana, var. β., Haw. L. B.* 554, 1829.
- ? *Tinea nanella, W. V.* 141, 68, 1776. *Goëze, E. B.* iii. 4, 137, 105, 1783. *Illig. (W. V.)* ii. 112, 1801.
- ? *Tinea pumilella, Hüb.* 268, 1812.
- Wood, I. E.* f. 1213.

## 67. GELECHIA MOUFFETELLA.

B. M.

- Tinea Mouffetella, W. V.* 140, 57, 1776. *Hüb.* 245, 1801.
- Hüb. Larvæ,* iii. *Illig. (W. V.)* ii. 110, 1801. *Charp. (W. V.)* 148. *Z. g. S.* 206, 1821.
- Lita Mouffetella, Treit. E. S.* ix. 2, 91, 1833. *Zett. I. L.* 1004, 1840.
- Anacampsis Mouffetella, Step. H.* iv. 208, 1834.



*Gelechia Mouffetella*, *Lienig & Zell. Isis*, 1846, p. 287.  
*Dougl. Ent. Trans.* v. 176, 1849.

*Recurvaria punctifera*, *Haw. L. B.* 551, 1829.

? *Phalæna* (*Tinea*) *Mouffetella*, *Linn. S. N.* (10), 540, 287, 1758. *Id. F. S.* 1397, 1761. *Id. S. N.* (12), 896, 431, 1767.

? *Tinea Mouffetella*, *Müller, F. F.* 56, 499, 1764. *Id. Z. D. P.* 136, 1588, 1776. *Fab. S. E.* 664, 51. *Id. S. I.* ii. 301, 68, 1781. *Id. Man.* ii. 251, 106, 1787. *Id. E. S.* iii. 2, 319, 142, 1794. *Goëze, E. B.* iii. 4, 117, 431, 1783. *Gmel. S. N.* i. 5, 2601, 431, 1788. *Vill. E. L.* ii. 486, 922, 1789. *Turt. S. N.* iii. 2, 375, 1806.

? *Tinea pedisequella*, *Hüb.* 95, 1801.

*Wood, I. E. f.* 1201.

# 68. GELECHIA DODECELLA.

B. M.

*Phalæna* (*Tinea*) *dodecella*, *Linn. S. N.* (10), 539, 274, 1758. *Id. F. S.* 1418, 1761. *Id. S. N.* (12), 892, 404, 1767. *De Geer*, ii. 1, 494, 1771.

*Tinea dodecella*, *Fab. S. I.* ii. 298, 53, 1781. *Id. Man.* ii. 248, 81, 1787. *Id. E. S.* iii. 2, 318, 108, 1794. *Id. E. S. Sup.* 489, 49, 1798. *Gmel. S. N.* i. 5, 2597, 404, 1788. *Vill. E. L.* ii. 477, 895, 1789. *Turt. S. N.* iii. 2, 372, 1806.

*Gelechia dodecella*, *Zell. Isis*, 1839, p. 335. *Lienig, Isis*, 1846, p. 290. *Dougl. Ent. Trans.* v. 176, 1849.

*Phalæna duodecim-cristata*, *Retz. G. & S.* 54, 166, 1783.

*Anacampsis annulicornis*, *Step. H.* iv. 208, 1834.

*Gelechia favillaticella*, *Zell. Isis*, 1839, p. 201.

*Tinea Reussiella*, *Ratz. F. I.* ii. 240, pl. 15, f. 5, 1840.

? *Tinea punctulata*, *Four. E. P.* ii. 337, 56, 1785.

? *Tinea paripunctella*, *Wenner, (Thun.) I. S.* 7, 96, 1794.

*De Geer*, i. 498, pl. 22, f. 18—25, 1752.

*Wood, I. E. f.* 1199.

# 69. GELECHIA TRIPARELLA.

B. M.

*Gelechia triparella*, *Zell. Isis*, 1839, p. 200.

*Recurvaria dodecea*, *Haw. L. B.* 549, 1829.

*Anacampsis dodecella*, *Step. H.* iv. 208, 1834.

? *Lita triparella*, *Dup. L. F. Sup.* iv. 271, pl. 73, f. 8, 1842.

*Wood, I. E. f.* 1201.

## 70. GELECHIA TENEBRELLA.

B. M.

*Tinea tenebrella*, *Hüb.* 434, 1816.

*Cecophora tenebrella*, *Treit. E. S.* x. 3, 216, 1835. *Dup. L. F.* xi. 488, pl. 306, f. 7, 1838.

*Gelechia tenebrella*, *Zell. Isis*, 1839, p. 201. *Id. Ent. Ztg.* 1850, p. 156. *Dougl. Ent. Trans.* i. n. s., 16, 1850. *Sta. Ent. Trans.* i. n. s., 23, 1850.

*Glyphipteryx subcuprella*, *Step. H.* iv. 273, 1834.

*Lita unicolorella*, *Dup. L. F. Sup.* iv. 458, pl. 85, f. 8, 1842.

## 71. GELECHIA TENEBROSELLA.

B. M.

*Gelechia tenebrosella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 201.

*Dougl. Ent. Trans.* i. n. s., 16, 1850. *Sta. Ent. Trans.* i. n. s., 24, 1850.

## 72. GELECHIA LIGULELLA.

B. M.

*Gelechia ligulella*, *Zell. Isis*, 1839, p. 201. *Dougl. Ent. Trans.* i. n. s., 62, 1850.

? *Phalæna* (*Tinea*) *cinctella*, *Linn. F. S.* 1380, 1761. *Id. S. N.* (12), 891, 390, 1767. \**Clerck, I.* pl. 11, f. 2, 1759.

? *Tinea cinctella*, *Müller, F. F.* 56, 1764. *Id. Z. D. P.* 134, 1558, 1776. *Fab. S. E.* 662, 36, 1775. *Id. S. I.* ii. 298, 48, 1781. *Id. Man.* ii. 247, 73, 1787. *Id. E. S.* iii. 2, 309, 97, 1794. *Id. E. S. Sup.* 487, 37, 1798. *Goëze, E. B.* iii. 4, 102, 390, 1783. *Gmel. S. N.* i. 5, 2596, 390, 1788. *Rossi, F. E.* ii. 206, 1228, 1790. *Cederh. F. I.* 257, 810, 1798. *Hüb.* 142, 1801. *Schr. F. B.* ii. 136, 1880, 1802. *Turt. S. N.* iii. 2, 371, 1806. *Haw. L. B.* 581, 1829.

? *Phalæna vorticella*, *Scop. F. C.* 252, 651, 1763.

? *Tinea vorticella*, *Z. g. S. (Charp. W. V.)* 200, 1821. *Treit. Heulfs.* 403, 1834.

? *Lita vorticella*, *Treit. E. S.* ix. 2, 104, 1833. *Dup. L. F.* xi. 324, pl. 298, f. 10, 1838.

? *Tinea ligulella*, *W. V.* 319, 79, 1776. *Illig. (W. V.)* ii. 107, 1801.

? *Harpagus albistrigella*, *Step. H.* iv. 279, 1834. *Wood, I. E.* f. 1391.

## 73. GELECHIA VORTICELLA.

*Gelechia vorticella*, *Zell. Isis*, 1839, p. 201. *Dougl. Ent. Trans.* i. n. s., 63, 1850.

## 74. GELECHIA TÆNIOLELLA.

B. M.

*Gelechia tæniolella*, (*Treit.*) *Zell. Isis*, 1839, p. 201. *Dougl. Ent. Trans.* v. 198, 1849.

? *Harpagus cinctella*, *Step. H.* iv. 279, 1834.  
*Wood, I. E.* f. 1390.

## 75. GELECHIA SIRCOMELLA.

*Gelechia Sircomella*, *Sta. I. B. Lep. Tin.* p. 132, 1854.

## 76. GELECHIA IMMACULATELLA.

*Gelechia immaculatella*, *Dougl. Ent. Trans.* i. n. s., 67, 1850.

## 77. GELECHIA NIGRITELLA.

*Gelechia nigritella*, *Zell. Isis*, 1847, p. 857. *Dougl. Ent. Trans.* i. n. s., 108, 1851.

## 78. GELECHIA CORONILLELLA.

*Lita Coronillella*, (*Tischer*), *Treit. E. S.* ix. 2, 87, 1833.  
*Dup. L. F.* xi. 318, pl. 298, f. 7, 1838.

*Gelechia Coronillella*, *Dougl. Ent. Trans.* i. n. s., 63, 1850.

## 79. GELECHIA ANTHYLLIDELLA.

B. M.

*Tinea Anthyllidella*, *Hüb.* 330, 1816. *Hüb. Larvæ*, iii.

*Gelechia Anthyllidella*, *Zell. Isis*, 1839, p. 201. *Id. Isis*, 1847, p. 857. *Dougl. Ent. Trans.* i. n. s., 17, 1850.

*Lita Anthyllidella*, *Dup. L. F. Sup.* iv. 460, pl. 85, f. 10, 1842.

## 80. GELECHIA ATRELLA.

B. M.

*Tinea atrella*, *Haw. L. B.* 567, 1829.*Gelechia atrella*, *Dougl. Ent. Trans.* i. n. s., 17, 1850.? *Tinea quadripunctella*, *Schr. F. B.* ii. 119, 1834, 1802.? *Tinea atrella*, *Schr. F. B.* ii. 125, 1850, 1802.*Wood, I. E.* f. 1226, ♀, 1234, ♂.

## 81. GELECHIA BIFRACTELLA.

*Gelechia bifractella*, (*Mann.*), *Dougl. Ent. Trans.* i. n. s., 66, 1850.

## 82. GELECHIA SUFFUSELLA.

*Gelechia suffusella*, *Dougl. Ent. Trans.* i. n. s., 64, 1850.

## 83. GELECHIA LUCIDELLA.

B. M.

*Cleodora lucidella*, *Step. H.* iv. 221, 1834. *Curt. B. E.* fo. 671, 1837.*Gelechia lucidella*, *Dougl. Ent. Trans.* i. n. s., 15, 1850.*Wood, I. E.* f. 1240.

## 84. GELECHIA LUTULENTELLA.

*Gelechia lutulentella*, *Zell. Isis*, 1839, p. 201. *Dougl. Ent. Trans.* i. n. s., 15, 1850.

## 85. GELECHIA CEREAELELLA.

\**Alucita Cerealella*, *Olivier, Encycl. Méthod. Ent.* i. p. 121, 1789.*Æcophora Cerealella*, *Lam. H. N.* iii. 546, 1816.*Butalis Cerealella*, *Dup. L. F. Sup.* iv. 444, pl. 85, f. 3, 1842.*Gelechia Cerealella*, *Dougl. Ent. Trans.* i. n. s., 107, 1851.*Tinea Hordei*, *Kirby & Spence*, vol. i. (4th edit.) 172.

## 86. GELECHIA NIGRICOSTELLA.

*Lita nigricostella*, (*F. v. R.*), *Dup. L. F. Sup.* iv. 288, pl. 74, f. 9, 1842.*Gelechia nigricostella*, *Dougl. Ent. Trans.* i. n. s., 244, 1852.

## 87. GELECHIA GEMMELLA.

B. M.

- Phalæna (Tinea) gemmella, *Linn. F. S.* 1388, 1761.  
 Tinea gemmella, *Vill. E. L.* ii. 480, 905, 1789.  
 Recurvaria nivea, *Haw. L. B.* 554, 1829.  
 Anacampsis nivella, *Step. H.* iv. 215, 1834.  
 Lita nigrovittella, *Dup. L. F.* xi. 315, pl. 298, f. 5, 1838.  
 Gelechia lepidella, *Zell. Isis*, 1839, p. 202.  
 ? Phalæna (Tinea) gemmella, *Linn. S. N.* (10), 539, 279, 1758.  
*Id. S. N.* (12), 894, 414, 1767.  
 ? Tinea gemmella, *Fab. S. E.* 663, 44, 1775. *Id. S. I.* ii. 299,  
 59, 1781. *Id. Man.* ii. 249, 93, 1787. *Id. E. S.* iii.  
 2, 315, 124, 1794. *Id. E. S. Sup.* 485, 24, 1798. *Müller,*  
*Z. D. P.* 135, 1570, 1776. *Goëze, E. B.* iii. 4, 110, 414,  
 1783. *Gmel. S. N.* i. 5, 2599, 414, 1788. *Vill. E. L.*  
 ii. 480, 905, 1789. *Turt. S. N.* iii. 2, 373, 1806.  
*Wood, I. E. f.* 1222.

## 88. GELECHIA NÆVIFERELLA.

B. M.

- Lita næviferella, (*Zell.*), *Dup. L. F. Sup.* iv. 455, pl. 85, f. 4,  
 1842.  
 Gelechia næviferella, *Dougl. Ent. Trans.* i. n. s., 61, 248,  
 1850, 1852.  
 ? Tinea Knockella, *Haw. L. B.* 568, 1829.  
 ? Amaurosetia Knockella, *Step. H.* iv. 354, 1834.  
 ? Tinea miscella, *Haw. L. B.* 580, 1829.  
*Wood, I. E. f.* 1367.

## 89. GELECHIA HERMANNELLA.

B. M.

- Tinea Hermannella, *Fab. S. I.* ii. 509, 1781. *Id. Man.* ii.  
 252, 123, 1787. *Id. E. S.* iii. 2, 324, 162, 1794. *Id. E. S.*  
*Sup.* 495, 81, 1798. *Gmel. S. N.* i. 5, 2604, 1259, 1788,  
*Vill. E. L.* ii. 507, 989, 1789. *Turt. S. N.* iii. 2, 377,  
 1806.  
 Œcophora Hermannella, *Treit. E. S.* ix. 2, 174, 1833. *Dup.*  
*L. F.* xi. 477, pl. 306, f. 2, 1838. *Evers. F. V. U.* 597,  
 1844.  
 Gelechia Hermannella, *Zell. Isis*, 1839, p. 704. *Id. Isis*,  
 1847, p. 859.  
 Phalæna Schæfferella, *Don. B. I.* v. 175, 1796.

*Glyphipteryx* Schæfferella, *Step. H.* iv. 272, 1834.

*Tinea* Zinckeella, *Hüb.* 401, 402, 1816.

? *Tinea* Schæfferella, *Fab. Man.* ii. 251, 117, 1787. *Id. E. S.* iii. 2, 322, 155, 1794. *Gmel. S. N.* i. 5, 2603, 443, 1788.

*Vill. E. L.* ii. 491, 984, 1789. *Turt. S. N.* iii. 2, 376, 1806.

*Haw. L. B.* 574, 1829.

? *Glyphipteryx* Zinckella, *Step. H.* iv. 272, 1834.

*Wood, I. E.* f. 1372, 1373.

#### 90. GELECHIA PICTELLA.

*Gelechia* pictella, *Zell. Isis*, 1839, p. 202. *Lienig, Isis*, 1846, p. 291. *Dougl. Ent. Trans.* i. n. s., 18, 1850.

#### 91. GELECHIA BRIZELLA.

*Cecophora* Brizella, (*Tischer*), *Treit. E. S.* ix. 2, 173, 1833.

*Dup. L. F.* xi. 484, pl. 306, f. 5, 1838.

*Gelechia* Brizella, *Dougl. Ent. Trans.* i. n. s., 244, 1852.

#### 92. GELECHIA ERICINELLA.

B. M.

*Cecophora* ericinella, *Dup. L. F.* xi. 497, pl. 306, f. 1, 2, 1838.

*Gelechia* ericinella, *Zell. Isis*, 1839, p. 202. *Lienig, Isis*, 1846, p. 291.

*Tinea* micella, *Hüb.* 210, 1801.

*Cecophora* micella, *Treit. E. S.* ix. 2, 171, x. 3, 214, 1833, 1835.

#### 93. GELECHIA PAUPELLA.

*Gelechia* paupella, *Zell. Isis*, 1847, p. 858. *Dougl. Ent. Trans.* i. n. s., 106, 1851.

#### 94. GELECHIA INOPELLA.

B. M.

*Gelechia* inopella, *Zell. Isis*, 1839, p. 201. *Dougl. Ent. Trans.* i. n. s., 66, 1850.

*Aphelosetia*? *Inulella*, *Curt. Ann. & Mag. N. H.* 2 ser. v. 117, 1850.

## 95. GELECHIA SUBOCELLEA.

B. M.

*Anacamptis subocellea*, *Step. H.* iv. 214, 1834.

*Gelechia subocellea*, *Dougl. Ent. Trans.* v. 200, 1849. *Id. Ent. Trans.* i. n. s., 246, 1852.

*Gelechia internella*, *Lienig & Zell. Isis*, 1846, p. 291.

*Wood, I. E.* f. 1221.

## 9, (131, 487). PARASIA.

*Parasia*, *Dup. Cat.* 350, 1844.

*Recurvaria*, p., *Haw. L. B.* 547, 1829.

*Cleodora*, p., *Step. H.* iv. 220, 1834.

*Gelechia*, p., *Zell. Isis*, 1839, p. 197.

## 1. PARASIA LAPPELLA.

B. M.

*Phalæna* (Tinea) *Lappella*, *Linn. S. N.* (10), 537, 260, 1758.

*Id. F. S.* 1425, 1761. *Id. S. N.* (12), 889, 378, 1767.

*Tinea* *Lappella*, *Müller, F. F.* 57, 511, 1764. *Id. Z. D. P.* 134, 1555, 1776. *Goëze, E. B.* iii. 4, 97, 378, 1783.

*Gmel. S. N.* i. 5, 2609, 378, 1788. *Illig. (W. V.)* ii. 117, 1801.

*Alucita* *Lappella*, *Fab. S. E.* 668, 9, 1775. *Id. S. I.* ii. 308, 12, 1781. *Id. Man.* ii. 255, 15, 1787. *Id. E. S.* iii. 2, 335, 18, 1794.

*Gelechia* *Lappella*, *Loew. Ent. Ztg.* 1841, pl. 1, f. 19—21, 1842, p. 257. *Dougl. Ent. Trans.* i. n. s., 14, 1850.

\**Phalæna* (Tinea) *Lapella*, *Clerck, I.* pl. 11, f. 15, 1759.

*Tinea* *Lapella*, *Vill. E. L.* ii. 468, 869, 1789. *Turt. S. N.* iii. 2, 380, 1806.

*Gelechia* *Lapella*, *Zell. Ent. Ztg.* 1842, p. 259.

*Recurvaria* *silacea*, *Haw. L. B.* 555, 1829.

*Cleodora* *silacca*, *Curt. B. E.* fo. 671, 1837.

*Cleodora* *silacella*, *Step. H.* iv. 220, 1834.

*Gelechia* *æstivella*, *Zell. Isis*, 1839, p. 202.

?*Tinea* *Lappella*, *W. V.* 142, 12, 1776.

*Wood, I. E.* f. 1236.

## 2. PARASIA METZNERIELLA.

B. M.

*(Gelechia Metzneriella, (Dougl.), Sta. Sup. Cat. p. 5, 1851).**Gelechia paucipunctella, Dougl. Ent. Trans. i. n. s., 14, 1850.**Recurvaria silacea, var. β., Haw. L. B. 555, 1829.**? Cleodora ochroleucella, Step. H. iv. 221, 1834. Curt. B. E. fo. 671, 1837.**Wood, I. E. f. 1241.*

## 3. PARASIA CARLINELLA.

B. M.

*Gelechia Carlinella, (Dougl.), Sta. Sup. Cat. p. 5, 1851. Dougl. Ent. Trans. i. n. s., 245, 1852.*

## 4. PARASIA NEUROPTERELLA.

*Gelechia neuropterella, (F. v. R.), Zell. Isis, 1839, p. 202. Lienig & Zell. Isis, 1846, p. 229. Dougl. Ent. Trans. i. n. s., 15, 1850.**Lita nevropterella, Dup. L. F. Sup. iv. 249, pl. 72, f. 1, 1842.*

## 10, (132, 488). CLEODORA.

*Cleodora, Sta. I. B. Lep. Tin. p. 142, 1854.**Cleodora, p., Curt. B. E. fo. 671, 1837.*

## 1. CLEODORA CYTISELLA.

B. M.

*Cleodora Cytisella, Curt. B. E. fo. 671, 1837.**Anacampsis fuscipennis, Hump. & West. B. M. ii. 192, pl. 107, 1845.**Gelechia Walkeriella, Dougl. Ent. Trans. i. n. s., 21, 1850.*

## 11, (133, 489), CHELARIA.

*Chelaria, Haw. L. B. 526, 1829. Curt. B. E. fo. 368, 1831. Step. H. iv. 219, 1834. Dup. L. F. xi. 352, 1838. Id. Cat. 353, 1844.**Hypatima, p., Hüb. V. 415, 1816.**Gelechia, p., Zell. Isis, 1839, p. 197.*



## 1. CHELARIA HUBNERELLA.

B. M.

*Phalæna* Hübnerella, *Don. B. I.* xi. 382, 1806.

*Tinea* conscriptella, *Hüb.* 283, 1812.

*Gelechia* conscriptella, *Zell. Isis*, 1839, p. 202. *Lienig & Zell. Isis*, 1846, p. 229.

*Plutella* conscriptella, *Evers. F. V. U.* 575, 1844.

*Chelaria* conscripta, *Haw. L. B.* 526, 1829.

*Chelaria* rhomboidella, *Curt. B. E.* fo. 368, 1831. *Step. H.* iv. 219, 1834. *Dup. L. F.* xi. 353, (conscriptella), pl. 299, f. 10, 1838.

*Wood, I. E.* f. 1235.

## 12, (134, 490). ANARSIA.

*Anarsia*, *Zell. Isis*, 1839, p. 190. *Dup. Cat.* 346, 1844.

*Aplota*, p., *Curt. B. E.* fo. 655, 1837.

## 1. ANARSIA SPARTIELLA.

B. M.

*Tinea* Spartiella, *Schr. F. B.* ii. 104, 1798, 1802.

*Anarsia* Spartiella, *Zell. Isis*, 1839, p. 190. *F. v. R.* 284, pl. 95, f. 2, 1841.

*Aplota* Robertsonella, *Curt. B. E.* fo. 655, 1837.

## 2. ANARSIA GENISTÆ.

*Anarsia* Genistæ, *Sta. I. B. Lep. Tin.* p. 144, 1854.

## 13, (135, 491.) YPSOLOPHUS.

*Ypsolophus*, *Sta. I. B. Lep. Tin.* p. 145, 1854.

*Ypsolophus*, p., *Haw. L. B.* 538, 1829. *Zell. Isis*, 1839, p. 190.

*Rhinosia*, p., *Treit. E. S.* ix. 2, 9, 1833. *Dup. L. F.* xi. 179, 1838. *Zett. I. L.* 1000, 1840.

*Macrochila*, p., *Step. H.* iv. 223, 1834.

1. *YPSOLOPHUS FASCIELLUS*.

B. M.

*Tinea fasciella*, *Hüb.* 111, 1801.*Ypsolophus fasciellus*, *Haw. L. B.* 545, 1829.*Rhinosia fasciella*, *Treit. E. S.* ix. 2, 10, 1833. *Dup. L. F.* xi. 187, pl. 292, f. 10, 1838.*Macrochila fasciella*, *Step. H.* iv. 223, 1834.*Aplota fasciella*, *Curt. B. E.* fo. 655, 1837.*Wood, I. E.* f. 1245.2. *YPSOLOPHUS MARGINELLUS*.

B. M.

*Alucita marginella*, *Fab. S. I.* ii. 307, 8, 1781. *Id. Man.* ii. 255, 10, 1787. *Id. E. S.* iii. 2, 333, 13, 1794.*Tinea marginella*, *Goëze, E. B.* iii. 4, 159, 245, 1783. *Vill. E. L.* ii. 504, 979, 1789. *Turt. S. N.* iii. 2, 370, 380, 1806.*Phalæna marginella*, *Don. B. I.* ii. 58, 1795, 1804.*Ypsolophus marginellus*, *Haw. L. B.* 540, 1829.*Macrochila marginella*, *Step. H.* iv. 224, 1834.*Aplota marginella*, *Curt. B. E.* fo. 655, 1837.*Tinea marginatella*, *Gmel. S. N.* i. 5, 2610, 1277, 1788.*Lithosia marginata*, *Fab. F. S. Sup.* 461, 10, 1798.*Tinea striatella*, *Hüb.* 154, 1801.*Palpula clarella*, *Treit. E. S.* ix. 2, 54, 1833. *Dup. L. F.* xi. 230, pl. 294, f. 2, 1838.? *Tinea pyropella*, *W. V.* 137, 53, 1776. *Goëze, E. B.* iii. 4, 132, 50, 1783.*Wood, I. E.* f. 1247.14, (136, 492). *APLOTA*.*Aplota*, *Step. H.* iv. 225, 1834.*Ypsolophus*, p., *Haw. L. B.* 538, 1829.1. *APLOTA PALPELLA*.

B. M.

*Ypsolophus palpellus*, *Haw. L. B.* 545, 1829.*Aplota palpella*, *Step. H.* iv. 225, 1834. *Curt. B. E.* fo. 655, 1837.*Wood, I. E.* f. 1249.

## 15, (137, 493). NOTHRIS.

Nothris, *Sta. I. B. Lep. Tin.* p. 147, 1854.

Nothris, p., *Hüb. V.* 411, 1816.

Ypsolophus, p., *Zell. Isis*, 1839, p. 190.

## 1. NOTHRIS VERBASCELLA.

*Tinea Verbascella*, *W. V.* 136, 36, 1776. *Goëze, E. B.* iii. 4, 130, 38, 1783. *Hüb.* 98, 1801. *Id. Larvæ*, iii. *Illig.* (*W. V.*) ii. 92, 1801. *Schr. F. B.* ii. 114, 1820, 1802. *Charp. (W. V.)* 119. *Z. g. S.* 157, 1821. *Treit. Heulfs.* 400, 1834.

*Phalæna (Tinea) Verbascella*, *Brahm, I. K.* 104, 1791. *Schwarz, R. K.* 606, 632, 1791.

*Hæmylis Verbascella*, *Treit. E. S.* ix. 1, 253, 1832. *Bouché, Nat.* 126, 1834.

*Rhinosia Verbascella*, *Dup. L. F.* xi. 190, pl. 292, f. 11, 1838.

*Ypsolophus Verbascellus*, *Zell. Isis*, 1838, p. 638. *Id. Isis*, 1847, p. 820.

? *Ypsolophus unguiculatus*, *Coq.* ii. pl. 17, f. 16, 1801.

## 2. NOTHRIS DURDHAMELLA.

*Ypsolophus Durdhamellus*, *Sta. Cat.* p. 12, 1849.

## 16, (138, 494). SOPHRONIA.

*Sophronia*, *Sta. I. B. Lep. Tin.* p. 148, 1854.

*Sophronia et Pleurota*, p., *Hüb. V.* 407, 406, 1816.

*Ypsolophus*, p., *Haw. L. B.* 538, 1829. *Zell. Isis*, 1839, p. 190.

*Palpula*, p., *Treit. E. S.* ix. 2, 45, 1833. *Dup. L. F.* xi. 220, 1838. *Id. Cat.* 347, 1844.

*Macrochila*, p., *Step. H.* iv. 213, 1834.

*Aplota*, p., *Curt. B. E.* fo. 655, 1837.

## 1. SOPHRONIA PARENTHESSELLA.

B. M.

*Phalæna* (*Tinea*) *parenthesella*, *Linn. F. S.* 1435, 1761. *Id. S. N.* (12), 890, 384, 1767.

*Tinea parenthesella*, *Fab. S. E.* 661, 33, 1775. *Id. S. I.* ii. 297, 43, 1781. *Id. Man.* ii. 247, 67, 1787. *Id. E. S.* iii. 2, 307, 87, 1794. *Goëze, E. B.* iii. 4, 100, 384, 1783. *Gmel. S. N.* i. 5, 2594, 384, 1788. *Vill. E. L.* ii. 470, 875, 1789. *Turt. S. N.* iii. 2, 370, 1806.

*Ypsolophus parenthesellus*, *Haw. L. B.* 540, 1829.

*Macrochila parenthesella*, *Step. H.* iv. 224, 1834.

*Aplota parenthesella*, *Curt. B. E.* fo. 655, 1837.

*Tinea Genistella*, *Illig. (W. V.)* ii. 97, 1801.

*Tinea semicostella*, *Hüb.* 395, 1816.

*Palpula semicostella*, *Treit. E. S.* ix. 2, 49, 1833. *Dup. L. F.* xi. 236, pl. 294, f. 9, 1838.

? *Tinea genistella*, *W. V.* 137, 52, 1776. *Goëze, E. B.* iii. 4, 132, 49, 1783.

*Wood, I. E.* f. 1246.

## 2. SOPHRONIA HUMERELLA.

*Tinea humerella*, *Hüb.* 292, 1812. *Charp. (W. V.)* 126, 1821.

*Harpipteryx humerella*, *Dup. L. F. Sup.* iv. 264, pl. 72, f. 14, 1842.

? *Tinea humerella*, *W. V.* 137, 57, 1776. *Goëze, E. B.* iii. 4, 132, 52, 1783.

## 17, (139, 495). PLEUROTA.

*Pleurota*, *Sta. I. B. Lep. Tin.* p. 150, 1854.

*Pleurota*, p., *Hüb. V.* 406, 1816.

*Palpula*, p., *Treit. E. S.* ix. 2, 45, 1833. *Dup. L. F.* xi. 220, 1838. *Id. Cat.* 347, 1844. *Zett. I. L.* 1002, 1840.

*Macrochila*, p., *Step. H.* iv. 223, 1834.

*Aplota*, p., *Curt. B. E.* fo. 655, 1837.

*Anchinia*, p., *Zell. Isis*, 1839, p. 190.

## 1. PLEUROTA BICOSTELLA.

B. M.

*Phalæna* (*Tinea*) *bicostella*, *Linn. F. S.* 1438, 1761. *Id. S. N.* (12), 890, 387, 1767. \**Clerck, I.* pl. 3, f. 15, 1759.

- Phalæna bicostella*, *Scop. F. C.* 249, 642, 1763.  
*Tinea bicostella*, *Müller, Z. D. P.* 135, 1561, 1776. *Goëze, E. B.* iii. 4, 100, 387, 1783. *Vill. E. L.* ii. 472, 878, 1789. *Hüb.* 113, 1801.  
*Ypsolophus bicostellus*, *Haw. L. B.* 539, 1829.  
*Palpula bicostella*, *Treit. E. S.* ix. 2, 50, 1833. *Dup. L. F.* xi. 225, pl. 294, f. 7, 1838. *Zett. I. L.* 1002, 1840. *Evers. F. V. U.* 578, 1844.  
*Macrochila bicostella*, *Step. H.* iv. 224, 1834.  
*Aplota bicostella*, *Curt. B. E.* fo. 655, 1837.  
*Anchinia bicostella*, *Lienig, Isis*, 1846, p. 278.  
*Tinea marginella*, *Fab. S. I.* ii. 293, 23, 1781. *Id. Man.* ii. 244, 37, 1787. *Id. E. S.* iii. 2, 297, 46, 1794. *Goëze, E. B.* iii. 4, 154, 221, 1783. *Vill. E. L.* ii. 497, 951, 1789. *Z. g. S. (Charp. W. V.)* 150, 1821.  
*Crambus marginatus*, *Fab. E. S. Sup.* 472, 48, 1798.  
? *Phalæna viduella*, *Scop. F. C.* 245, 625, 1763.  
? *Tinea viduella*, *Goëze, E. B.* iii. 4, 143, 162, 1783. *Vill. E. L.* ii. 508, 993, 1789.  
? *Tinea bicostella*, *Fab. S. E.* 661, 32, 1775. *Id. E. S.* iii. 2, 306, 86, 1794.  
? *Tinea marginella*, *Gmel. S. N.* i. 5, 2591, 1213, 1788. *Wenner, (Thun.) I. S.* 7, 97, 1794. *Illig. (W. V.)* ii. 90, 1801.  
? *Tinea Hattorfella*, *Turt. S. N.* iii. 2, 366, 1806. *Wood, I. E.* f. 1248.

### 18, (140, 496). HARPELLA.

- Harpella*, *Schr. F. B.* ii. 168, 1802. *Zell. Isis*, 1839, p. 191.  
*Alabonia*, *Siep. H.* iv. 226, 1834.  
*Enicostoma*, *Dup. L. F.* xi. 413, 1838. *Id. Cat.* 353, 1844.  
*Cœphora*, p., *Lat. H. N.* xiv. 251, 1806.  
*Alabonia*, p., *Hüb. V.* 418, 1816.  
*Recurvaria*, p., *Haw. L. B.* 547, 1829.  
*Adela*, p., *Treit. E. S.* ix. 2, 112, 1833.

### 1. HARPELLA GEOFFRELLA.

B. M.

- Phalæna (Tinea) Geoffrella*, *Linn. S. N.* (12), 896, 430, 1767.  
*Tinea Geoffrella*, *Vill. E. L.* ii. 486, 921, 1789.  
*Enicostoma Geoffrella*, *Dup. L. F.* xi. 415, pl. 303, f. 2, 1838.

- Harpella Geoffrella, *Zell. Ent. Ztg.* 1850, p. 144.  
 Tinea Geoffroyella, *Coqueb.* ii. pl. 17, f. 12, 1801.  
 Alabonia Geoffroyella, *Step. H.* iv. 227, 1834.  
 Harpella Geoffroyella, *Sta. Cat.* p. 12, 1849.  
 Recurvaria Geoffroyi, *Haw. L. B.* 556, 1829.  
 ? Tinea Geoffrella, *Fab. S. E.* 664, 50, 1775. *Goëze, E. B.* iii. 4, 116, 430, 1783. *Illig. (W. V.)* ii. 112, 1801.  
 ? Tinea Geoffroyella, *Fab. S. I.* ii. 301, 68, 1781. *Id. Man.* ii. 250, 104, 1787. *Id. E. S.* iii. 2, 318, 139, 1794. *Id. E. S. Sup.* 491, 62, 1798. *Gmel. S. N.* i. 5, 2600, 430, 1788. *Rossi, F. E.* ii. 207, 1232, 1790. *Turt. S. N.* iii. 2, 375, 1806.  
*Wood, I. E.* f. 1251.

## 19, (141, 497). HYPERCALLIA.

- Hypercallia, *Step. H.* iv. 194, 1834. *Zell. Isis*, 1839, p. 191.  
 Carcina, p., *Hüb. V.* 411, 1816.  
 Lampros, p., *Treit. E. S.* ix. 2, 57, 1833.

## 1. HYPERCALLIA CHRISTIERNANA.

B. M.

- Phalæna (Tortrix) Christiernana, *Linn. S. N.* (12), 877, 303, 1767.  
 Pycalis Christiernana, *Fab. S. E.* 649, 24, 1775. *Id. S. I.* ii. 281, 33, 1781. *Id. Man.* ii. 230, 55, 1787. *Id. E. S.* iii. 2, 260, 74, 1794. *Walck. F. P.* ii. 315, 1802. *Panz. I. G.* 23.  
 Tortrix Christiernana, *W. V.* 128, 9, 1776. *Goëze, E. B.* iii. 4, 15, 303, 1783. *Gmel. S. N.* i. 5, 2505, 303, 1788. *Vill. E. L.* ii. 395, 667, 1789. *Hüb.* 152, 1801. *Schr. F. B.* ii. 76, 1750, 1802. *Lasp. (Ill. Mag.)* iv. 11, 1805. *Turt. S. N.* iii. 2, 345, 1806. *Haw. L. B.* 399, 1812. *Charp. (W. V.)* 47. *Z. g. S.* 41, 1821.  
 Phalæna Christiernana, *Don. B. I.* i. 20, 1792, 1804.  
 Hypercallia Christiernana, *Step. H.* iv. 194, pl. 38, f. 2, 1834. *Dup. L. F.* ix. 472, pl. 260, f. 10, 1834.  
 Tinea Christiernella, *Hüb.* 452, 1829.  
 Lampros Christiernella, *Treit. E. S.* ix. 2, 65, 1833. *Evers. F. V. U.* 579, 1844.  
 ? Phalæna citrinalis, *Scop. F. C.* 240, 609, 1763.  
 ? Pyralis citrinalis, *Vill. E. L.* ii. 444, 806, 1789.  
*Wood, I. E.* f. 1161.

## 20, (142, 498). DASYCERA.

- Dasycera*, *Sta. I. B. Lep. Tin.* p. 153, 1854.  
*Dasycerus*, *Haw. L. B.* 524, 1829.  
*Œcophora*, *Curt. B. E.* fo. 408, 1832. *Step. H.* iv. 228, 1834.  
*Dasycera* et *Stenoptera*, *Dup. L. F.* xi. 409, 428, 1838. *Id.*  
*Cat.* 352, 354, 1844.  
*Œcophora*, p., *Lat. H. N.* xiv. 251, 1802. *Zell. Isis*, 1839, p.  
 191.  
*Esperia*, p., et *Alabonia*, p., *Hüb. V.* 418, 1816.

## 1. DASYCERA SULPHURELLA.

B. M.

- Alucita sulphurella*, *Fab. S. E.* 670, 19, 1775. *Id. S. I.* ii.  
 310, 25, 1781. *Id. Man.* ii. 257, 38, 1787. *Id. E. S.* iii.  
 2, 343, 47, 1794. *Rossi, F. E.* ii. 210, 1242, 1790.  
*Tinea sulphurella*, *Goëze, E. B.* iii. 4, 153, 241, 1783. *Vill.*  
*E. L.* ii. 506, 984, 1789. *Wenner, (Thun.) I. S.* 7, 92,  
 1794. *Turt. S. N.* iii. 2, 383, 1806.  
*Œcophora sulphurella*, *Curt. B. E.* fo. 408, 1832. *Step. H.*  
 iv. 228, 1834.  
*Tinea annulifera*, *Fourc. E. P.* ii. 332, 42, 1785.  
*Tinea annulatella*, *Vill. E. L.* ii. 521, 1044, 1789.  
*Tinea cornutella*, *Fab. E. S. Sup.* 492, 63, 1798.  
*Tinea orbonella*, *Hüb.* 313, 1816.  
*Stenoptera orbonella*, *Dup. L. F.* xi. 430, pl. 303, f. 3, 4, 1838.  
*Zell. Isis*, 1847, p. 35.  
 ? *Tinea Schrankella*, *Goëze, E. B.* iii. 4, 167, 284, 1783.  
 ? *Dasycerus sulphureus*, *Haw. L. B.* 525, 1829.  
*Wood, I. E.* f. 1252.

## 2. DASYCERA OLIVIELLA.

B. M.

- Tinea Olivella*, *Fab. E. S.* iii. 2, 316, 132, 1794. *Id. E. S.*  
*Sup.* 491, 59, 1798. *Coqueb. i.* pl. 7, f. 12, 1800. *Walck.*  
*F. P.* ii. 319, 1802. *Turt. S. N.* iii. 2, 374, 1806.  
*Œcophora Olivella*, *Lat. H. N.* xiv. 252, 1802. *Curt. B. E.*  
 fo. 408, 1832. *Step. H.* iv. 228, 1834.  
*Dasycera Olivella*, *Dup. L. F.* xi. 411, pl. 303, f. 1, 1838.  
*Bert. L. Bon.* 202, 1844. *Zell. Ent. Ztg.* 1850, p. 145.  
*Dasycerus Olivieri*, *Haw. L. B.* 529, 1829.

*Tinea æmulella*, *Hüb.* 222, 1801.

*Adela æmulella*, *Treit. E. S.* ix. 2, 130, 1833.

? *Tinea bractella*, *Fab. E. S.* 662, 41, 1775. *Id. S. I.* ii. 299, 56, 1781.

? *Tinea crassicornis*, *Fourc. E. P.* ii. 339, 65, 1785.

? *Tinea crassicornella*, *Vill. E. L.* ii. 523, 1056, 1789.

*Wood, I. E.* f. 1253.

## 21, (143, 499). ŒCOPHORA.

*Œcophora*, *Sta. I. B. Lep. Tin.* p. 155, 1854.

*Œcophora*, p., *Zell. Isis*, 1839, p. 191. *Dup. Cat.* 366, 1844.

*Recurvaria*, p., *Haw. L. B.* 547, 1829.

*Lampros*, p., *Treit. E. S.* ix. 2, 57, 1833.

*Anacampsis*, p., et *Batia*, *Step. H.* iv. 204, 290, 1834.

*Pancalia*, p., et *Batia*, *Curt. B. E.* fo. 304, 543, 1830, 1835.

*Borkhausenia*, *Denisia*, p., et *Schiffermülleria*, p., *Hüb. V.* 420, 421, 1816.

### 1. ŒCOPHORA MINUTELLA.

B. M.

*Phalæna* (*Tinea*) *minutella*, *Linn. S. N.* (10), 537, 256, 1758.

*Id. F. S.* 1440, 1761. *Id. S. N.* (12), 893, 410, 1767.

*Tinea minutella*, *W. V.* 140, 50, 1776. *Goëze, E. B.* iii. 4, 109, 410, 1783. *Vill. E. L.* ii. 479, 901, 1789. *Schr. F.*

*E.* ii. 122, 1844, 1802. *Charp. (W. V.)* 144, 1821.

*Incurvaria minutella*, *Dup. L. F. Sup.* iv. 479, pl. 86, f. 14, 1842.

*Alucita oppositella*, *Fab. S. E.* 670, 20, 1775. *Id. S. I.* ii. 310, 26, 1781. *Id. Man.* ii. 258, 41, 1787. *Id. E. S.* iii. 2, 344, 53, 1794.

*Tinea oppositella*, *Goëze, E. B.* iii. 4, 158, 242, 1783. *Vill. E. L.* ii. 506, 986, 1789. *Fab. E. S. Sup.* 486, 29, 1798.

*Hüb.* 141, 1801. *Turt. S. N.* iii. 2, 383, 1806. *Haw. L. B.* 567, 1829.

*Adela oppositella*, *Treit. E. S.* ix. 2, 120, 1833.

*Amaurosetia oppositella*, *Step. H.* iv. 353, 1835.

*Incurvaria oppositella*, *Dup. L. F.* xi. 425, pl. 300, f. 9, 1838.

*Tinea Mays*, *Fourc. E. P.* ii. 329, 33, 1785.

*Tinea Zeælla*, *Vill. E. L.* ii. 519, 1037, 1789.

? *Tinea minutella*, *Fab. Man.* ii. 250, 100, 1787.

*Wood, I. E.* f. 1575, 1577.



# CATALOGUE OF

## 2. ŒCOPHORA FLAVIMACULELLA.

B. M.

*Œcophora flavimaculella*, *Sta. Cat.* p. 13, 1849.

*Tinea minutella*, *Haw. L. B.* 568, 1829.

*Amaurosetia minutella*, *Step. H.* iv. 354, 1834.

## 3. ŒCOPHORA TRIPUNCTA.

B. M.

*Recurvaria tripuncta*, *Haw. L. B.* 557, 1829.

*Incurvaria tripunctella*, *Step. H.* iv. 353, 1835.

*Incurvaria trimaculella*, *Dup. L. F.* xi. 424, pl. 303, f. 8, 1838.

*Œcophora trisignella*, *Zell. Isis*, 1839, p. 192. *Id. Ent. Ztg.* 1850, p. 146.

*Wood, I. E.* f. 1574.

## 4. ŒCOPHORA SIMILELLA.

*Tinea similella*, *Hüb.* 182, 1801.

*Lampros similella*, *Treit. E. S.* ix. 2, 61, 1833.

*Œcophora similella*, *Zell. Isis*, 1839, p. 192. *Richter, Ent. Ztg.* 1850, p. 26.

? \**Phalæna* (*Tinea*) *stipella*, *Clerck, I.* pl. 12, f. 5, 1759.

? *Butalis similella*, *Dup. L. F.* xi. 344, pl. 299, f. 6, 1838.

## 5. ŒCOPHORA AUGUSTELLA.

B. M.

*Tinea augustella*, *Hüb.* 177, 1801.

*Œcophora augustella*, *Sta. Cat.* p. 13, 1849.

*Recurvaria augusta*, *Haw. L. B.* 557, 1829.

*Anacampsis angustella*, *Step. H.* iv. 216, 1834.

*Tinea moestella*, *Hüb.* 465, 1829.

*Wood, I. E.* f. 1230.

Var. *Recurvaria albimaculea*, *Haw. L. B.* 557, 1829.

Var. *Anacampsis albimaculea*, *Step. H.* iv. 217, 1834.

Var. *Œcophora albimaculea*, *Sta. Cat.* p. 13, 1849.

Var. *Lita funestella*, *Dup. L. F.* xi. 328, pl. 298, f. 12, 1838.

Var. *Lita luctuosella*, *Dup. L. F.* xi. 623, pl. 312, f. 10, 1838.

Var. *Wood, I. E.* f. 1231.

6. *ŒCOPHORA WOODIELLA*.

*Pancalia Woodiella*, *Curt. B. E.* fo. 304, 1830. *Step. H.* iv. 275, 1834.

*Wood, I. E.* f. 1382.

7. *ŒCOPHORA GRANDIS*.

*Pancalia grandis*, *Desvignes, Entom.* 342, 1842.

8. *ŒCOPHORA FORMOSELLA*.

*Tinea formosella*, *W. V.* 140, 47, 1776. *Goëze, E. B.* iii. 4, 136, 90, 1783. *Vill. F. L.* iv. 546, 1789. *Hüb.* 248, 1801. *Illig. W. V.* ii. 107, 1801. *Turt. S. N.* iii. 2, 383, 1806.

*Alucita formosella*, *Fab. Man.* ii. 257, 39, 1787. *Id. E. S.* iii. 2, 343, 48, 1794.

*Œcophora formosella*, *Treit. E. S.* ix. 2, 170, 1833. *Dup. L. F. Sup.* iv. 262, (pl. 72, f. 12?) 1842.

9. *ŒCOPHORA LUNARIS*.

B. M.

*Recurvaria lunaris*, *Haw. L. B.* 556, 1829.

*Batia lunaris*, *Step. H.* iv. 291, 1834. *Curt. B. E.* fo. 543, 1835.

*Plutella Metznerella*, *Treit. E. S.* x. 3, 189, 1835.

*Gracillaria Begrandella*, *Dup. L. F. Sup.* iv. 513, pl. 89, f. 8, 1842.

*Wood, I. E.* f. 1428.

10. *ŒCOPHORA LAMBDELLA*.

B. M.

*Phalæna Lambdella*, *Don. B. I.* ii. 57, 1792, 1804.

*Tinea Lambdella*, *Turt. S. N.* iii. 2, 363, 1806.

*Batia Lambdella*, *Step. H.* iv. 291, 1834. *Curt. B. E.* fo. 543, 1835.

*Œcophora Lambdella*, *Sta. Cat.* p. 14, 1849.

*Recurvaria Lambda*, *Haw. L. B.* 556, 1829.

*Wood, I. E.* f. 1427.

11. *ECOPHORA SUBAQUILEA*.

*Ecophora subaquilea*, (*Edleston*), *Sta. Cat.* p. 14, 1849.

12. *ECOPHORA PANZERELLA*.

B. M.

*Batia Panzerella*, *Step. H.* iv. 292, 1838.

*Wood, I. E.* f. 1431.

13. *ECOPHORA TINCTELLA*.

B. M.

*Rhinosia tinctella*, *Treit. E. S.* ix. 2, 21, 1833.

*Butalis tinctella*, *Dup. L. F.* xi. 346, pl. 299, f. 7, 1838.

*Ecophora tinctella*, *Zell. Isis*, 1839, p. 192. *Lienig, Isis*, 1846, p. 279.

*Batia lutarella*, *Step. H.* iv. 291, 1834.

*Ecophora arietella*, *Sta. Cat.* p. 14, 1849.

*Wood, I. E.* f. 1429.

14. *ECOPHORA UNITELLA*.<sup>1</sup>

B. M.

*Tinea unitella*, *Hüb.* 147, 1801.

*Acompsia unitella*, *Step. H.* iv. 222, 1834.

*Ecophora unitella*, *Sta. Cat.* p. 14, 1849.

*Tinea fusco-aurella*, *Haw. L. B.* 569, 1829.

*Ecophora arietella*, *Zell. Isis*, 1839, p. 192.

*Wood, I. E.* f. 1243.

15. *ECOPHORA FLAVIFRONTELLA*.

B. M.

*Tinea flavifrontella*, *Hüb.* 126, 1801. *Treit. E. S.* ix. 2, 262, 1833.

*Batia flavifrontella*, *Step. H.* iv. 292, 1834.

*Ecophora flavifrontella*, *Lienig, Isis*, 1846, p. 279.

? *Tinea flavifrontella*, *Fab. Man.* ii. 246, 59, 1787. *Gmel. S.*

*N.* i. 5, 2593, 1228, 1788. *Vill. E. L.* iv. 540, 1789.

*Treit. E. S.* x. 3, 151, 1835.

*Wood, I. E.* f. 1432.

16. *ŒCOPHORA FUSCESCENS*.

B. M.

*Recurvaria fuscescens*, *Haw. L. B.* 555, 1829.  
*Anacampsis fuscescens*, *Step. H.* iv. 216, 1834.

17. *ŒCOPHORA PSEUDO-SPRETELLA*.

B. M.

*Œcophora pseudo-spretella*, *Sta. Cat.* p. 14, 1849.

22, (144, 500). *ŒGOCONIA*.

*Œgoconia*, (*Guenée*), *Sta. I. B. Lep. Tin.* p. 162, 1854.  
*Œcophora*, p., *Zell. Isis*, 1839, p. 191.

1. *ŒGOCONIA QUADRIPUNCTA*.

B. M.

*Recurvaria quadripuncta*, *Haw. L. B.* 557, 1829.  
*Anacampsis bifasciella*, *Step. H.* iv. 217, 1834.  
*Œcophora Kindermanniella*, *Zell. Isis*, 1839, p. 194.  
 ? *Anacampsis quadripuncta*, *Step. H.* iv. 217, 1834.  
*Wood, I. E. f.* 1233.

23, (145, 501). *ENDROSIS*.

*Endrosis*, *Sta. I. B. Lep. Tin.* p. 163, 1854.  
*Endrosis*, p., *Hüb. V.* 401, 1816.  
*Œcophora*, p., *Zell. Isis*, 1839, p. 191.

1. *ENDROSIS FENESTRELLA*.

B. M.

*Phalæna fenestrella*, *Scop. F. C.* 252, 653, 1763.  
*Tinea fenestrella*, *Goëze, E. B.* iii. 4, 147, 183, 1783. *Vill.*  
*E. L.* ii. 511, 1003, 1789.  
*Tinea lactella*, *W. V.* 139, 37, 1776. *Goëze, E. B.* iii. 4, 135,  
 82, 1783. *Illig. (W. V.)* ii. 106, 1801. *Charp. (W. V.)*  
 141. *Z. g. S.* 196, 1821.  
*Œcophora lacteella*, *Lienig, Isis*, 1846, p. 279.  
*Tinea Betulinella*, *Hüb.* 20, 448, 1801, 1822.

*Scardia Betulinella*, *Treit. E. S.* ix. 1, 9, x. 3, 151, 1832, 1835. *Zell. Isis*, 1838, p. 700. *Evers. F. V. U.* 533, 1844.

*Lita Betulinella*, *Dup. L. F.* xi. 298, pl. 297, f. 8, 9, 1831.

*Tinea turpella*, *Charp. (W. V.)* 137, 1821.

? *Phalæna* (*Tinea*) *sarcitella*, *Linn. F. S.* 1416, 1761.

? *Anacampsis sarcitella*, *Step. H.* iv. 210, 1834.

? *Laverna sarcitella*, *Curt. B. E.* fo. 735, 1839.

? *Recurvaria sarcitea*, *Haw. L. B.* 550, 1829.

? *Phalæna domesticella*, *Scop. F. C.* 256, 671, 1703.

? *Tinea domesticella*, *Goëze, E. B.* iii. 4, 150, 200, 1783. *Vill. E. L.* ii. 515, 1018, 1789.

? *Tinea turpella*, *W. V.* 139, 29, 1776. *Goëze, E. B.* iii. 4, 134, 76, 1783. *Illig. (W. V.)* ii. 104, 1801.

*Wood, I. E.* f. 1207.

## 24, (146, 502). BUTALIS.

*Butalis*, *Treit. E. S.* ix. 2, 108, 1833.

*Astyages*, p., *Step. H.* iv. 279, 1834.

*Butalis*, p., *Dup. L. F.* xi. 339, 1839. *Id. Cat.* 342, 1844.

(*Ecophora*, p., *Zell. Isis*, 1839, p. 191.

*Oxybelia*, p., et *Galanthia*, p., *Hüb. V.* 407, 1816.

### 1 BUTALIS GRANDIPENNIS.

B. M.

*Porrectaria grandipennis*, *Haw. L. B.* 536, 1829.

*Astyages grandipennis*, *Step. H.* iv. 279, 1834.

*Wood, I. E.* f. 1392.

### 2 BUTALIS FUSCO-ÆNEA.

B. M.

*Porrectaria fusco-ænea*, *Haw. L. B.* 537, 1829.

*Pancalia fusco-ænea*, *Curt. B. E.* fo. 304, 1830. *Step. H.* iv. 276, 1834.

(*Ecophora fusco-ænea*, *Sta. Cat.* p. 14, 1840. *Id. Ent. Trans.* i. n. s., 22, 1850.

### 3 BUTALIS SENESCENS.

B. M.

(*Ecophora senescens*, *Sta. Ent. Trans.* i. n. s., 22, 1850.

(*Ecophora Seliuiella*, *Sta. Cat.* p. 14, 1849.

## 4. BUTALIS FUSCO-CUPREA.

B. M.

*Porrectaria fusco-cuprea*, *Haw. L. B.* 537, 1829.*Pancalia fusco-cuprea*, *Curt. B. E.* fo. 304, 1830. *Step. H.* iv. 276, 1834.*Œcophora fusco-cuprea*, *Sta. Cat.* p. 14, 1849. *Id. Ent. Trans.* i. n. s., 23, 1850.

## 5. BUTALIS CICADELLA.

*Œcophora Cicadella*, *Zell. Isis*, 1839, p. 193.

## 6. BUTALIS VARIELLA.

B. M.

*Glyphipteryx variella*, *Step. H.* iv. 274, 1834.*Œcophora inspersella*, *Zell. Isis*, 1839, p. 193.? *Porrectaria picæpennis*, *Haw. L. B.* 536, 1829.? *Astyages picæpennis*, *Step. H.* iv. 280, 1834.*Wood, I. E.* f. 1379.

## 7. BUTALIS CHENOPODIELLA.

B. M.

*Tinea Chenopodiella*, *Hüb.* 320, 1816.*Butalis Chenopodiella*, *F. v. R.* 201, pl. 71, pl. 72, f. 1, 1839.*Œcophora Chenopodiella*, *Zell. Isis*, 1847, p. 831.*Butalis tristella*, *Treit. E. S.* ix. 2, 109, 1833. *Dup. L. F.* xi. 343, pl. 299, f. 5, 1838.? *Tinea variella*, *W. V.* 140, 64, 1776. *Goëze, E. B.* iii. 4, 137, 102, 1783. *Illig. (W. V.)* ii. 111, 1801. *Hüb.* 279, 1812.? *Gracillaria cylindrea*, *Haw. L. B.* 529, 1829.? *Astyages cylindrella*, *Step. H.* iv. 280, 1834.*Wood, I. E.* f. 1393.

## 8. BUTALIS TORQUATELLA.

*Œcophora torquatella*, *Lienig & Zell. Isis*, 1846, p. 279.*Œcophora fuscifrontella*, *Sta. Cat.* p. 13, 1849.

## 9. BUTALIS INCONGRUELLA.

*Œcophora incongruella*, *Sta. Cat.* p. 15, 1849.

## 25, (147, 503). PANCALIA.

Pancalia, *Sta. I. B. Lep. Tin.* p. 167, 1854.

Pancalia, p., *Curt. B. E.* fo. 304, 1830. *Step. H.* iv. 275, 1834.

Chrysoesthia, p., *Hüb. V.* 422, 1816.

Ecophora, p., *Treit. E. S.* ix. 2, 155, 1833. *Dup. L. F.* xi. 447, 1838. *Zell. Isis*, 1839, p. 191. *Zett. I. L.* 1008, 1840.

## PANCALIA LATREILLELLA.

Pancalia Latreillella, *Curt. B. E.* fo. 304, 1830. *Step. H.* iv. 275, 1834.

Ecophora Latreillella, *Sta. Cat.* p. 13, 1849.  
*Wood, I. E.* f. 1381.

## PANCALIA LEUWENHOEKELLA.

B. M.

Phalæna (Tinea) Leuwenhoekella, *Linn. F. S.* 1400, 1761.  
*Id. S. N.* (12), 897, 437, 1767.

Tinea Leuwenhoekella, *W. V.* 141, 76, 1776. *Fab. Man.* ii. 252, 125, 1787. *Id. E. S.* iii. 2, 325, 164, 1794. *Id. E. S. Sup.* 494, 76, 1798. *Gmel. S. N.* i. 5, 262, 437, 1788. *Vill. E. L.* ii. 488, 928, 1789. *Illig. (W. V.)* ii. 113, 1801. *Turt. S. N.* iii. 2, 377, 1806. *Lam. H. N.* iii. 546, 1816. *Haw. L. B.* 574, 1829. *Ratz. F. I.* ii. 252, 1840.

Pancalia Leuwenhoekella, *Step. H.* iv. 275, 1834.

Ecophora Leuwenhoekella, *Zett. I. L.* 1010, 1840. *Lienig, Isis*, 1846, p. 278. *Zell. Isis*, 1847, p. 830. *Sta. Cat.* p. 13, 1849.

Ecophora Schmidtella, *Treit. E. S.* ix. 2, 167, x. 3, 212, 1833, 1835. *Dup. L. F.* xi. 491, pl. 306, f. 9, 1838.

? Tinea metallolla, *W. V.* 144, 34, 1776. *Charp. (W. V.)* 166. *Z. g. S.* 226, 1821.

? Tinea Leuwenhoekella, *Goëze, E. B.* iii. 4, 118, 437, 1783. *Charp. (W. V.)* 151. *Z. g. S.* 212, 1821.

? Tinea Schwarzella, *Fab. E. S. Sup.* 493, 68, 1798.  
*Wood, I. E.* f. 1380.

## Fam. VI. GLYPHIPTERYGIDÆ.

Glyphipterygidæ, *Sta. I. B. Lep. Tin.* p. 169, 1854.

## 1, (148, 504). ACROLEPIA.

Acrolepia, *Curt. B. E.* 679, (1838).

Röslerstammia, p., *Zell. Isis*, 1839, p. 202. *Dup. Cat.* 366, 1844.

## 1. ACROLEPIA PERLEPIDELLA.

Röslerstammia perlepidella, *Sta. Cat.* p. 19, 1849.

Röslerstammia ruficeps, *Wocke, Breslau Zeitschr. für Entom.* 1850, pl. 5, f. 19.

## 2. ACROLEPIA GRANITELLA.

B. M.

*Tinea granitella*, *Treit. E. S.* ix. 2, 265, 1833. *F. v. R.* 11, pl. 8, 1834.

*Lita granitella*, *Treit. E. S.* x. 3, 202, 1835.

Röslerstammia granitella, *Zell. Isis*, 1847, p. 88 i.

? *Lita granitella*, *Dup. L. F. Sup.* iv. 201, pl. 67, f. 6, 1842.

## 3. ACROLEPIA PYGMÆANA.

B. M.

*Tortrix pygmæana*, *Haw. L. B.* 438, (1812).

*Acrolepia autumnitella*, *Curt. B. E.* fo. 679, 1838.

*Hæmylis Lefebvriella*, *Dup. L. F.* xi. 141, pl. 290, f. 11, 1838.

Röslerstammia Heleniella, *Zell. Isis*, 1839, p. 203. *H.-S. Tin.* pl. 50, f. 346, 1851.

? *Lita Vigeliella*, *Dup. L. F. Sup.* iv. 275, pl. 73, f. 12, 1842.

*Wood, I. E.* f. 1136.

## 4. ACROLEPIA BETULELLA.

*Acrolepia Betulella*, *Curt. B. E.* fo. 679, (1838).



## 2, (149, 505). ROSLERSTAMMIA.

Röslerstammia, *Sta. I. B. Lep. Tin.* p. 172, 1854.

Röslerstammia, p., *Zell. Isis*, 1839, p. 202. *Dup. Cat.* 365, 1844.

Adela, p., *Treit. E. S.* ix. 2, 112, 1833.

## 1. ROSLERSTAMMIA ERXLEBELLA.

B. M.

Alucita Erxlebella, *Fab. Man.* ii. 256, 27, 1787. *Id. E. S.* iii. 2, 340, 36, 1794. *Id. E. S. Sup.* 504, 12, 1798.

Tinea Erxlebella, *Gmel. S. N.* i. 5, 2614, 1396, 1788. *Vill. E. L.* iv. 545, 1789. *Wenner, (Thun.) I. S.* 7, 86, 1794.

*Turt. S. N.* iii. 2, 382, 1806.

Tinea fusco-cuprella, *Haw. L. B.* 569, 1829.

Callisto fusco-cuprella, *Step. H.* iv. 277, 1834.

Adela chrysitella, *Treit. E. S.* ix. 2, 114, 1833.

? Adela æneella, *Dup. L. F.* xi. 396, pl. 302, f. 2, 1838.

Röslerstammia Erxlebeniella, *Lienig, Isis*, 1846, p. 292.

## 3, (150, 506). GLYPHIPTERYX.

Glyphipteryx, *Sta. I. B. Lep. Tin.* p. 173, 1854.

Glyphipteryx, p., *Hüb. V.* 421, 1816.

Æchmia, p., *Treit. E. S.* ix. 2, 69, 1833. *Dup. L. F.* xi. 432, 1838. *Id. Cat.* 360, 1844. *Zell. Isis*, 1839, p. 203.

Cecophora, p., *Zett. I. L.* 1008, 1840.

Heribeia et Callisto, p., *Step. H.* iv. 261, 276, 1834.

## 1. GLYPHIPTERYX FUSCOVIRIDELLA.

B. M.

Tinea fuscoviridella, *Haw. L. B.* 569, 1829.

Callisto fuscoviridella, *Step. H.* iv. 278, 1834.

Adela albicostella, *Dup. L. F.* xi. 397, pl. 302, f. 3, 1838.

*Wood, I. E. f.* 1389.

## 2. GLYPHIPTERYX THRASONELLA.

B. M.

Phalæna Thrasonella, *Scop. F. C.* 253, 658, 1763.

Tinea Thrasonella, *Goëze, E. B.* iii. 4, 148, 188, 1783. *Vill.*

- Æchmia Thrasonella*, *Dup. L. F.* xi. 434, pl. 304, f. 1, 2, 1838.  
*F. v. R.* 238, pl. 83, f. 1, 1840.
- Tinea Fueslella*, *Fab. S. I.* ii. 301, 66, 1781. *Id. Man.* ii. 250, 103, 1787. *Goëze, E. B.* iii. 4, 155, 227, 1783.  
*Gmel. S. N.* i. 5, 2601, 1251, 1788. *Vill. E. L.* ii. 502, 971, 1789.
- Tinea Fyseslella*, *Fab. E. S.* iii. 2, 318, 138, 1794. *Id. E. S. Sup.* 490, 72, 1798. *Turt. S. N.* iii. 2, 374, 1806.
- Callisto Fyseslella*, *Step. H.* iv. 277, 1834.
- Gracillaria Fueslii*, *Haw. L. B.* 531, 1829.
- Tinea Seppella*, *Hüb.* 223, 1801.
- Phalæna triguttella*, *Don. B. I.* xi. 53, 382, 1806.
- Tinea Aillyella*, *Hüb.* 431, 1816.
- Æchmia equitella*, var. *Seppella*, *Treit. E. S.* ix. 2, 72, 1833.
- ? *Tinea Fueslella*, *Rossi, F. E.* ii. 207, 1231, 1790.  
*Wood, I. E.* f. 1387, 1388.

## 3. GLYPHIPTERYX HAWORTHANA.

B. M.

- Heribeia Haworthana*, *Step. H.* iv. 262, pl. 39, f. 2, 1834.
- Œcophora Zonella*, *Zett. I. L.* 1009, 1840.
- Æchmia Zonella*, *Stdfss. Breslau Zeitschr. für Entom.* 1849.  
*Lep.* p. 21, pl. 2, f. 7.  
*Wood, I. E.* f. 1338.

## 4. GLYPHIPTERYX EQUITELLA.

B. M.

- Phalæna equitella*, *Scop. F. C.* 254, 659, 1763.
- Tinea equitella*, *Goëze, E. B.* iii. 4, 148, 189, 1783. *Vill. E. L.* ii. 513, 1008, 1789.
- Æchmia equitella*, *Treit. E. S.* ix. 2, 71, 1833. *Zell. Isis*, 1839, p. 203. *F. v. R.* 240, pl. 82, f. 2, 1840.
- Tinea Klemannella*, *Fab. S. I.* ii. 304, 87, 1781. *Goëze, E. B.* iii. 4, 156, 233, 1783.
- ? *Tinea Forsterella*, *Fab. S. I.* ii. 509, 1781. *Id. Man.* ii. 252, 128, 1787. *Id. E. S.* iii. 2, 328, 176, 1794. *Id. E. S. Sup.* 496, 85, 1798. *Gmel. S. N.* i. 5, 2604, 1260, 1788.  
*Vill. E. L.* ii. 507, 990, 1789. *Wenner, (Thun.) I. S.* 7, 90, 1794. *Turt. S. N.* iii. 2, 378, 1806. *Haw. L. B.* 577, 1829.
- ? *Heribeia humerella*, *Step. H.* iv. 262, 1834.  
*Wood, I. E.* f. 1339.

## 5. GLYPHIPTERYX OCLATELLA.

- Æchmia oculatella*, *Zell. Ent. Ztg.* 1850, p. 157. *H.-S. Tin.*  
pl. 39, f. 265, 1851. *Sta. Sup. Cat.* p. 5, 1851.  
? *Æchmia Lucasella*, *Dup. L. F.* xi. 440, pl. 304, f. 5, 1838.

## 6. GLYPHIPTERYX FISCHERIELLA.

B. M.

- Æchmia Fischeriella*, *Zell. Isis*, 1839, p. 204.  
*Æchmia Röslerstammella*, *F. v. R.* 242, (*desiderella*), pl. 82, f.  
3, 1840. *Dup. L. F. Sup.* iv. 472, pl. 86, f. 8, 1842.  
*Æchmia desideratella*, *Dup. L. F. Sup.* iv. 322, pl. 77, f. 3,  
1842.  
? *Tinea Forsterella*, var.  $\beta$ ., *Haw. L. B.* 577, 1829.  
? *Heribeia Forsterella*, *Step. H.* iv. 262, 1834.  
? *Heribeia simplicella*, *Step. H.* iv. 263, 1834.  
? *Heribeia cognatella*, *Step. H.* iv. 263, 1834.  
? *Æchmia equitella*, *Dup. L. F.* xi. 445, pl. 304, f. 8, 1838.  
? *Elachista Æchmiella*, *Dup. L. F.* xi. 533, pl. 308, f. 7, 1838.  
*Wood, I. E.* f. 1340, 1342.

## 4, (151, 507). ÆCHMIA.

- Æchmia*, *Sta. I. B. Lep. Tin.* p. 176, 1854.  
*Æchmia*, p., *Zell. Isis*, 1839, p. 203.

## 1. ÆCHMIA DENTELLA.

B. M.

- Æchmia dentella*, *Zell. Isis*, 1839, p. 204. *F. v. R.* 245, pl.  
83, f. 3, 1840.  
*Æchmia subdentella*, *Sta. Cat.* p. 20, 1849.  
? *Amaurosetia atrella*, *Step. H.* iv. 354, 1834.  
*Wood, I. E.* f. 1578.

## 5, (152, 508). PERITTIA.

- Perittia*, *Sta. I. B. Lep. Tin.* p. 177, 1854.

## 1. PERITTIA OBSCUREPUNCTELLA.

B. M.

*Aphelosetia obscurepunctella*, *Sta. Zool.* 1848, p. 2164.

? *Porrectaria oleæ*, *Haw. L. B.* 535, 1829.

? *Aphelosetia oleella*, *Step. H.* iv. 289, 1834.

*Wood, I. E.* f. 1422.

## 6, (153, 509). TINAGMA.

*Tinagma*, *Dup. Cat.* 361, 1844.

*Microsetia*, p., *Step. H.* iv. 261, 1834.

*Æchmia*, p., *Zell. Isis*, 1839, p. 204.

## 1. TINAGMA SERICIELLUM.

B. M.

*Tinea sericiella*, *Haw. L. B.* 585, 1829.

*Microsetia sericiella*, *Step. H.* iv. 270, 1834.

*Æchmia metallicella*, *Dup. L. F.* xi. 444, pl. 304, f. 7, 1838.

*Zell. Isis*, 1839, p. 204. *Id. Isis*, 1847, p. 881. *F. v. R.* 247, pl. 84, f. 2, 1840.

## 2. TINAGMA STANNEELLUM.

*Æchmia Stanneella*, *F. v. R.* 245. *Anm.* 1840. *Sta. Ent.*

*Trans.* i. n. s. *Proc.* 6, 1850. *Id. Sup. Cat.* p. 6, 1851.

## 3. TINAGMA RESPLENDELLUM.

*Æchmia resplendella*, (*Dougl.*), *Sta. Sup. Cat.* p. 6, 1851.

*Æchmia metallicella*, *Sta. Zool.* 1850, p. 2751.

## 7, (154, 510). DOUGLASIA.

*Douglasia*, *Sta. I. B. Lep. Tin.* p. 179, 1854.

## 1. DOUGLASIA OCNEROSTOMELLA.

B. M.

*Gracilaria*? *Ocnerostomella*, *Sta. Ent. Trans.* i. n. s., *Proc.* 6, 1850. *Id. Cat. Sup.* p. 8, 1851.

## Fam. VIII. ARGYRESTHIDÆ.

Argyresthidæ, *Sta. I. B. Lep. Tin.* p. 180, 1854.

## 1, (155, 511). ARGYRESTHIA.

Argyresthia, *Sta. I. B. Lep. Tin.* p. 181, 1854.

Argyresthia, p., *Hüb. V.* 422, 1816. *Zell. Isis*, 1839, p. 204.

*Id. L. E.* ii. 234, 1847.

Ederesa, (et Argyrosetia), *Curt. Ent. Mag.* i. 191, 1833. *Id. B. E.* fo. 719, 1838.

Cecophora, p., *Treit. E. S.* ix. 2, 155, 1833. *Dup. L. F.* xi. 447, 1838. *Id. Cat.* 368, 1844. *Zett. I. L.* 1008, 1840.

Erminea, p., et Tinea, p., *Haw. L. B.* 512, 569, 1829.

Ismene, et Argyrosetia, *Step. H.* iv. 248, 251, 1834.

## 1. ARGYRESTHIA EPHIPPELLA.

B. M.

Alucita ephippella, *Fab. G. I.* 297, 1776. *Id. S. I.* ii. 306, 2, 1781. *Id. Man.* ii. 254, 2, 1787. *Id. E. S.* iii. 2, 330, 3, 1794.

Tinea ephippella, *Goëze, E. B.* iii. 4, 158, 243, 1783. *Gmel. S. N.* i. 5, 2610, 1279, 1788. *Vill. E. L.* ii. 503, 976, 1789.

Argyresthia ephippella, *Sta. Zool.* 1849. App. iii.

Ypsolophus ephippium, *Fab. E. S. Sup.* 519, 18, 1798.

Tinea Pruniella, *Hüb.* 175, 1801.

Cecophora Pruniella, *Treit. E. S.* ix. 2, 156, 1833. *Dup. L. F.* xi. 454, pl. 305, f. 1, 1838.

Argyresthia Pruniella, *Zell. L. E.* ii. 243, 1847.

Ismene tetrapodella, *Step. H.* iv. 249, 1834.

? Phalæna (Tinea) Pruniella, *Lin. F. S.* 1386, 1761.

? Tinea Pruniella, *Müller, Z. D. P.* 135, 1574, 1776. *Vill. E. L.* ii. 494, 944, 1789. *Illig. (W. V.)* ii. 113, 1801. *Schr. F. B.* ii. 127, 1857, 1802. *Charp. (W. V.)* 151. *Z. g. S.* 211, 1821. *Bouché, Gart. Ins.* 117, 1833.

? Cecophora Pruniella, *Evers. F. V. U.* 595, 1844.

? Argyresthia Pruniella, *Lienig, Isis*, 1846, p. 293.

? Phalæna comella, *Scop. F. C.* 253, 656, 1763.

- ? *Tinea comella*, *Goëze, E. B.* iii. 4, 148, 186, 1783. *Vill. E. L.* ii. 512, 1005, 1789.  
 ? *Tinea ephippiella*, *Schr. F. B.* ii. 111, 1814, 1802.  
 ? *Tinea ephippella*, *Turt. S. N.* iii. 2, 379, 1806.  
 ? *Alucita ephippium*, *Lat. H. N.* xiv. 253, 1802.  
*Wood, I. E.* f. 1299.

## 2. ARGYRESTHIA NITIDELLA.

B. M.

- Tinea nitidella*, *Fab. Man.* ii. 241, 12, 1787. *Id. E. S.* iii. 2, 291, 16, 1794. *Id. E. S. Sup.* 488, 40, 1798. *Gmel. S. N.* i. 5, 2587, 1201, 1788. *Vill. E. L.* iv. 535, 1789. *Illig. (W. V.)* ii. 98, 1801. *Turt. S. N.* iii. 2, 363, 1806. *Charp. (W. V.)* 126. *Z. g. S.* 171, 1821.  
*Argyresthia nitidella*, *Zell. L. E.* ii. 250, 1847. *Sta. Zool.* 1849. App. iv.  
*Erminea Pruni*, *Haw. L. B.* 516, 1829.  
*Ismene Pruniella*, *Step. H.* iv. 249, 1834.  
 Var. *Erminea ossca*, *Haw. L. B.* 517, 1829.  
 Var. *Ismene ossea*, *Step. H.* iv. 250, 1834.  
 ? *Phalæna (Tinea) tetrapodella*, *Lin. S. N.* (12), 890, 388, 1767.  
 ? *Tinea tetrapodella*, *Goëze, E. B.* iii. 4, 101, 388, 1783. *Gmel. S. N.* i. 5, 2595, 388, 1788. *Vill. E. L.* ii. 472, 879, 1789.  
 ? *Tinea nitidella*, *W. V.* 137, 58, 1776. *Goëze, E. B.* iii. 4, 132, 53, 1783.  
 ? *Tinea Pruniella*, *W. V.* 141, 75, 1776. *Ratz. F. I.* ii. 252, 1840.  
 ? *Æcophora curvella*, *Zett. I. L.* 1008, 1840.  
*Wood, I. E.* f. 1298, var. f. 1304.

## 3. ARGYRESTHIA PURPURASCENTELLA.

*Argyresthia purpurascentella*, *Sta. Zool.* 1849. App. v.

## 4. ARGYRESTHIA SEMITESTACELLA.

B. M.

- Ederesa semitestacella*, *Curt. Ent. Mag.* i. 191, 1833. *Id. B. E.* fo. 719, 1838.  
*Ismene semitestacella*, *Step. H.* iv. 249, 1834.  
*Argyresthia semitestacella*, *Sta. Zool.* 1849. App. vi.  
 ? *Tinea parenthesesella*, *Z. g. S. (Charp. W. V.)* 169, 1821,  
*Wood, I. E.* f. 1297,

## 5. ARGYRESTHIA SPINIELLA.

*Argyresthia spiniella*, *Zell. Isis*, 1839, p. 204. *Id. L. E.* ii. 254, 1847. *Sta. Zool.* 1850, p. 2751.

## 6. ARGYRESTHIA ALBISTRIA.

B. M.

*Erminea albistria*, *Haw. L. B.* 517, 1829.

*Ismene albistria*, *Step. H.* iv. 248, 1834.

*Argyresthia albistria*, *Sta. Zool.* 1849. App. vi.

*Argyresthia fagetella*, *Zell. Isis*, 1839, p. 204. *Id. L. E.* ii. 256, 1847.

*Wood, I. E.* f. 1301.

## 7. ARGYRESTHIA CONJUGELLA.

B. M.

*Argyresthia conjugella*, *Zell. Isis*, 1839, p. 204. *Id. L. E.* ii. 258, pl. 2, f. 3, 1847. *Sta. Zool.* 1849. App. vii.

? *Ismene semifusca*, *Step. H.* iv. 248, 1834.

*Wood, I. E.* f. 1295.

## 8. ARGYRESTHIA SEMIFUSCA.

B. M.

*Erminea semifusca*, *Haw. L. B.* 517, 1829.

*Argyresthia semifusca*, *Sta. Zool.* 1849. App. viii.

*Ismene semipurpurella*, *Step. H.* iv. 249, 1834.

*Phalæna Pruniella*, *Don. B. I.* ii. pl. 58, 59, 1792, 1804.

? *\*Phalæna (Tinea) Pruniella*, *Clerck, I.* pl. xi. f. 4, 1759.

? *Tinea Pruniella*, *Turt. S. N.* iii. 2, 349, 362, 1806.

*Wood, I. E.* f. 1300.

## 9. ARGYRESTHIA MENDICA.

B. M.

*Erminea mendica*, *Haw. L. B.* 517, 1829.

*Ismene mendicella*, *Step. H.* iv. 248, 1834.

*Cecophora cæsiella*, *Treit. E. S.* ix. 2, 158, (*excl. larv.*) 1833.

*Cecophora Pruniella*, *Zett. I. L.* 1000, 1840.

*Argyresthia tetrapodella*, *Zell. L. E.* ii. 262, 1847.

*Argyresthia Spinosella*, *Sta. Zool.* 1849. App. ix.

? *Phalæna Pruniella*, *Bjerk. N. A. H.* 1785, 2, No. 8.

? *Tinea Pruniella*, *Gmel. S. N.* i. 5, 2606, 1271, 1788.

?*Œcophora tetrapodella*, *Dup. L. F.* xi. 457, pl. 305, f. 2, 1838.  
*Wood, I. E.* f. 1296.

10. ARGYRESTHIA GLAUCINELLA.

*Argyresthia glaucinella*, *Zell. Isis*, 1839, p. 205. *Id. E. L.* ii. 265, 1847. *Sta. Zool.* 1849. App. x.

11. ARGYRESTHIA RETINELLA.

B. M.

*Argyresthia retinella*, *Zell. Isis*, 1839, p. 205. *Id. L. E.* ii. 269, 1847. *Sta. Zool.* 1849. App. xii.

? *Ismene ocella*, *Step. H.* iv. 251, 1834.

? *Œcophora Cornella*, *Evers. F. V. U.* 595, 1844.

12. ARGYRESTHIA ABDOMINALIS.

B. M.

*Argyresthia abdominalis*, *Zell. Isis*, 1839, p. 205. *Id. L. E.* ii. 270, 1847. *Sta. Zool.* 1849. App. xii.

? *Argyresthia abdominalis*, *Lienig, Isis*, 1846, p. 294.

13. ARGYRESTHIA DILECTELLA.

B. M.

*Argyresthia dilectella*, *Zell. L. E.* ii. 272, 1847. *Sta. Zool.* 1849. App. xiii.

14. ARGYRESTHIA ANDEREGGIELLA.

B. M.

*Œcophora Andereggiella*, (*F. v. R.*), *Dup. L. F.* xi. 469, pl. 305, f. 9, 1838. *F. v. R.* 209, pl. 74, f. 2, 1839.

*Argyresthia Andereggiella*, *Zell. L. E.* ii. 241, 1847. *Sta. Zool.* 1849. App. xiv.

*Tinea I. V-ella*, *Haw. L. B.* 570, 1829.

*Argyrosetia I. V-ella*, *Step. H.* iv. 254, 1834.

*Wood, I. E.* f. 1310.

15. ARGYRESTHIA CURVELLA.

B. M.

*Phalæna (Tinea) curvella*, *Lin. F. S.* 1387, 1761.

*Tinea curvella*, *Vill. E. L.* ii. 495, 945, 1789.



*Ismene curvella*, *Step. H.* iv. 250, 1834.

*Argyresthia curvella*, *Sta. Zool.* 1849. App. xiv.

*Erminea curva*, *Haw. L. B.* 516, 1829.

*Tinea Cornella*, *Fab. S. E.* 657, 8, 1775. *Id. S. I.* ii. 291, 10, 1781. *Id. Man.* ii. 241, 13, 1787. *Id. E. S.* iii. 2, 291, 17, 1794. *Id. E. S. Sup.* 488, 41, 1798. *Goëze, E. B.* iii. 4, 151, 204, 1783. *Gmel S. N.* i. 5, 2587, 1202, 1788. *Vill. E. L.* ii. 496, 948, 1789. *Turt. S. N.* iii. 2, 363. 1806.

*Æcophora Cornella*, *Treit. E. S.* ix. 2, 163, x. 3, 210, 1833, 1835. *F. v. R.* 23, pl. 15, f. 3, 1835. *Dup. L. F.* xi. 459, pl. 305, f. 3, 1838.

*Argyresthia Cornella*, *Zell. L. E.* ii. 273, 1847.

*Argyresthia sparsella*, *Zell. Isis*, 1839, p. 205.

*Wood, I. E.* f. 1302.

#### 16. ARGYRESTHIA SORBIELLA.

*Æcophora Sorbiella*, *Treit. E. S.* ix. 2, 160, x. 3, 210, 1833, 1835. *F. v. R.* 22, pl. 15, f. 2, 1835.

*Argyresthia Sorbiella*, *Zell. Isis*, 1839, p. 205. *Id. L. E.* ii. 276, 1847. *Lienig, Isis*, 1846, p. 294. *Sta. Zool.* 1849. App. xv.

? *Gracillaria Sorbiella*, *Dup. L. F. Sup.* iv. 487, pl. 87, f. 9, 1842.

#### 17. ARGYRESTHIA PYGMÆELLA.

B. M.

*Tinea pygmæella*, *Hüb.* 353, 1816.

*Æcophora pygmæella*, *Treit. E. S.* ix. 2, 159, x. 3, 209, 1833, 1835. *F. v. R.* 22, pl. 15, f. 1, 1835.

*Argyresthia pygmæella*, *Lienig, Isis*, 1846, p. 294. *Zell. L. E.* ii. 278, 1847. *Sta. Zool.* 1849. App. xvi.

*Tinea semifasciella*, *Haw. L. B.* 570, 1829.

*Argyrosetia semifasciella*, *Step. H.* iv. 252, 1834.

*Wood, I. E.* f. 1308.

#### 18. ARGYRESTHIA GÆDARTELLA.

B. M.

*Phalæna (Tinea) Gædartella*, *Lin. S. N.* (10), 541, 291, 1758.

*Id. F. S.* 1401, 1761. *Id. S. N.* (12), 897, 436, 1767.

- Tinea Gødartella*, *Fab. S. E.* 664, 53, 1775. *Id. S. I.* ii. 302, 72, 1781. *Id. Man.* ii. 251, 110, 1787. *Id. E. S.* iii. 2, 320, 146, 1794. *Id. E. S. Sup.* 497, 87, 1798. *W. V.* 143, 29, 1776. *Müller, Z. D. P.* 137, 1590, 1776. *Goëze, E. B.* iii. 4, 118, 436, 1783. *Gmel. S. N.* i. 5, 2602, 436, 1788. *Vill. E. L.* ii. 488, 927, 1789. *Hüb.* 133, 1801. *Illig. (W. V.)* ii. 122, 1801. *Schr. F. B.* ii. 131, 1868, 1802. *Turt. S. N.* iii. 2, 375, 1806. *Charp. (W. V.)* 165. *Z. g. S.* 225, 1821. *Haw. L. B.* 571, 1829. *Ratz. F. I.* ii. 252, 1840.
- Œcophora Gødartella*, *Treit. E. S.* ix. 2, 162, 1833. *Dup. L. F.* xi. 466, pl. 305, f. 8, 1838. *Zett. I. L.* 1009, 1840. *Evers. F. V. U.* 595, 1844.
- Argyrosetia Gødartella*, *Step. H.* iv. 252, 1834.
- Argyresthia Gødartella*, *Zell. L. E.* ii. 282, 1847. *Sta. Zool.* 1849. App. xvii.
- Phalæna semiargentella*, *Don. B. I.* ii. pl. 63, 1793, 1804.
- Tinea semiargentella*, *Turt. S. N.* iii. 2, 363, 1806.
- ? \**Phalæna (Tinea) Gødartella*, *Clerck, I.* pl. 12, f. 14, 1759. *Wood, I. E.* f. 1307.

## 19. ARGYRESTHIA LITERELLA.

B. M.

- Tinea literella*, *Haw. L. B.* 570, 1829.
- Argyrosetia literella*, *Step. H.* iv. 253, 1834.
- Argyresthia literella*, *Sta. Zool.* 1849. App. xvii.
- Wood, I. E.* f. 1310.

## 20. ARGYRESTHIA BROCKEELLA.

B. M.

- Tinea Brockeella*, *Hüb. (362)*, 262, 1816.
- Œcophora Brockeella*, *Treit. E. S.* ix. 2, 164, 1833. *Dup. L. F.* xi. 464, pl. 305, f. 7, 1838. *Evers. F. V. U.* 596, 1844.
- Argyresthia Brockeella*, *Lienig, Isis*, 1846, p. 294. *Zell. L. E.* ii. 286, 1847. *Sta. Zool.* 1849. App. xviii.
- Argyrosetia Brockeella*, *Step. H.* iv. 253, 1834.
- Tinea I. W-ella*, *Haw. L. B.* 569, 1829.
- Var. *Tinea aurivittella*, *Haw. L. B.* 570, 1829.
- Var. *Argyrosetia aurivittella*, *Step. H.* iv. 253, 1834.
- Phalæna (Tinea) Rajella*, (*excl. descrip. larv. et ref. De Geer*), *Lin. S. N.* (10), 543, 298, 1758. *Id. F. S.* 1407, 1761. *Id. S. N.* (12), 898, 447, 1767.

?*Tinea Rajella*, *Fab. S. E.* 666, 62, 1775. *Id. S. I.* ii. 304, 85, 1781. *Id. Man.* ii. 252, 127, 1787. *Id. E. S.* iii. 2, 326, 167, 1794. *Id. E. S. Sup.* 495, 78, 1798. *W. V.* 143, 32, 1776. *Goëze, E. B.* iii. 4, 120, 447, 1783. *Gmel. S. N.* i. 5, 2604, 447, 1788. *Vill. E. L.* ii. 493, 938, 1789. *Cederh. F. I.* 259, 817, 1798. *Illig. (W. V.)* ii. 123, 1801. *Turt. S. N.* iii. 2, 377, 1806.  
*Wood, I. E. f.* 1309, var. f. 1311.

## 21. ARGYRESTHIA ARCEUTHINA.

\* B. M.

*Argyresthia arceuthina*, *Zell. Isis*, 1839, p. 205. *Id. L. E.* ii. 288, 1847. *Id. Ent. Ztg.* 1850, p. 158. *Sta. Zool.* 1849. App. xix.

## 22. ARGYRESTHIA PRÆCOCELLA.

*Argyresthia præcocella*, *Zell. Isis*, 1839, p. 205. *Id. L. E.* ii. 290, 1847. *Sta. Zool.* 1849. App. xx.

## 23. ARGYRESTHIA AURULENTELLA.

B. M.

*Argyresthia aurulentella*, (*Zell.*), *Sta. Zool.* 1849. App. xl.

## 24. ARGYRESTHIA DECIMELLA.

*Elachista*? *decimella*, *Sta. Sup. Cat.* p. 10, 1851.

## 2, (156, 512). CEDESTIS.

*Cedestis*, *Sta. I. B. Lep. Tin.* p. 189, 1854.

*Cecophora*, p., *Dup. L. F.* xi. 447, 1838. *Id. Cat.* 368, 1844.

*Argyresthia*, p., *Zell. Isis*, 1839, p. 204. *Id. L. E.* ii. 241, 1847.

## 1. CEDESTIS FARINATELLA.

B. M.

*Cecophora farinatella*, (*Zell.*), *Dup. L. F.* xi. 473, pl. 305, f. 11, 1838. *F. v. R.* 211, pl. 74, f. 4, 1839.

*Argyresthia farinatella*, *Zell. Isis*, 1839, p. 206. *Id. L. E.* ii. 296, 1847. *Sta. Zool.* 1849. App. xxiii.

?*Telea subfasciella*, *Step. H.* iv. 247, 1834.

## 2. CEDESTIS GYSSELINELLA.

*Cecophora* Gysselinella, (*Kuhlwein*), *Dup. L. F.* xi. 461, pl. 303, f. 4, 1838.

*Cecophora* Gysseleniella, *F. v. R.* 210, pl. 74, f. 3, 1839.

*Argyresthia* Gysseleniella, *Zell. Isis*, 1839, p. 205. *Id. L. E.* ii. 295, 1847. *Lienig, Isis*, 1846, p. 294. *Sta. Zool.* 1849. App. xxii.

## 3, (157, 513). OCNEROSTOMA.

*Ocnerostoma*, *Zell. L. E.* ii. 298, 1849.

*Argyresthia*, p., *Zell. Isis*, 1839, p. 205.

## 1. OCNEROSTOMA PINIARIELLA.

B. M.

*Ocnerostoma* piniariella, *Zell. L. E.* ii. 299, 1847. *Sta. Zool.* 1849. App. xxiii.

*Argyresthia* argentella, *Zell. Isis*, 1839, p. 205. *Lienig, Isis*, 1846, p. 294.

? *Cecophora* galactitella, *Evers. F. V. U.* 595, 1844.

## 4, (158, 514.) ZELLERIA.

*Zelleria*, *Sta. Cat.* p. 22, 1849.

## 1. ZELLERIA HEPARIELLA,

B. M.

*Zelleria* hepariella, (*Mann.*), *Sta. Cat.* p. 22, 1849.

? *Porrectaria* gryphipennella, *Haw. L. B.* 537, 1829.

## 2. ZELLERIA INSIGNIPENNELLA.

*Zelleria* insignipennella, *Sta. Cat.* p. 22, 1849.

## 3. ZELLERIA FASCIAPENNELLA.

*Zelleria* fasciapennella, (*Logan*), *Sta. Cat.* p. 22, 1849.

## Fam. VIII. GRACILARIIDÆ.

Gracilariidæ, *Sta. I. B. Lep. Tin.* p. 193, 1854.

- 1, (159, 515). GRACILARIA.

Gracilaria, *Zell. Isis*, 1839, p. 208. *Id. L. E.* ii. 312, 1847.

Gracillaria, *Dup. Cat.* 371, 1844.

Gracillaria, p., *Haw. L. B.* 527, 1829. *Curt. B. E.* fo. 479, 1833. *Dup. L. F.* xi. 580, 1838.

Ornix, p., *Treit. E. S.* ix. 2, 194, 1833. *Zett. I. L.* 1011, 1840.

Gracillaria, p., et Euspilapteryx, *Step. H.* iv. 363, 362, 1835.

Calotripis, Caloptilia, et Pœciloptilia, *Hüb. V.* 424, 427, 1816.

## 1. GRACILARIA SWEDERELLA.

B. M.

Tinea Swederella, *Schalén, (Thun.) M. N. A. U.* 6, 80, 1788.

Tinea Franckella, *Hüb.* 379, 1816.

Gracilaria Franckella, *Lienig, Isis*, 1846, p. 297, 1846. *Zell. L. E.* ii. 314, 1847. *Sta. Ent. Trans.* i. n. s., 118, pl. 14, f. 10.

Gracillaria Franckella, *Dougl. Ent. Trans.* ii. n. s., 123, pl. 14, f. 1, 1853.

Ornix hilaripennella, *Treit. E. S.* ix. 2, 196, 1833.

Gracillaria hilaripennella, *Dup. L. F.* xi. 583, pl. 311, f. 1, 1838.

Gracillaria Thunbergella, *Step. H.* iv. 366, 1835.

? Gracillaria Thunbergii, *Haw. L. B.* 529, 1829.

*Wood, I. E.* f. 1616.

## 2. GRACILARIA STIGMATELLA.

B. M.

Tinea stigmatella, *Fab. G. I.* ii. 295, 34, 1781. *Id. Man.* ii. 246, 57, 1787. *Id. E. S.* iii. 2, 304, 76, 1794. *Id. E. S. Sup.* 490, 56, 1798. *Goëze, E. B.* iii. 4, 155, 224, 1783. *Gmel. S. N.* i. 5, 2593, 1226, 1788. *Vill. E. L.* ii. 497, 955, 1789. *Wenner (Thun.) I. S.* 7, 91, 1794. *Schr. F. B.* ii. 106, 1801, 1802. *Turt. S. N.* iii. 2, 369, 1806.

- Gracillaria stigmatella*, *Step. H.* iv. 366, 1835. *Dougl. Ent. Trans.* ii. n. s., 124, pl. 14, f. 2, 1853.
- Gracillaria stigmatella*, *Lienig, Isis*, 1846, p. 297. *Zell. L. E.* ii. 319, 1847. *Sta. Ent. Trans.* i. n. s., 120, pl. 14, f. 14, 1851.
- Tinea upupæpennella*, *Hüb.* 203, 1801. *Treit. Heulfs.* 406, 1834.
- Ornix upupæpennella*, *Treit. E. S.* ix. 2, 195, 3, 217, 1833, 1835. *Evers. F. V. U.* 601, 1844.
- Gracillaria upupæpennella*, *Dup. L. F.* xi. 602, pl. 310, f. 13, 1838.
- Tinea triangulella*, *Panzer, I. G.* 23.
- Gracillaria trigona*, *Haw. L. B.* 529, 1829.
- Gracillaria ochracea*, *Haw. L. B.* 528, 1829. *Step. H.* iv. 366, 1835.
- ? *Gracillaria purpurea*, *Haw. L. B.* 528, 1829. *Step. H.* iv. 366, 1835.
- Wood, I. E.* f. 1613, 1614.

## 3. GRACILARIA STRAMINEELLA.

B. M.

- Gracillaria stramineella*, *Sta. Ent. Trans.* i. n. s., 121, pl. 14, f. 9, 1851.
- Wood, I. E.* f. 1623.

## 4. GRACILARIA HEMIDACTYLELLA.

B. M.

- Tinea hemidactylella*, *Hüb.* 276, 1812.
- Gracillaria hemidactylella*, *Dup. L. F.* xi. 601, pl. 311, f. 12, 1838.
- Gracillaria hemidactylella*, *Zell. L. E.* ii. 326, 1847. *Sta. Ent. Trans.* i. n. s., 122, pl. 14, f. 8, 1851.
- ? *Tinea hemidactylella*, *W. V.* 144, 41, 1776. *Goëze, E. B.* iii. 4, 140, 136, 1783. *Gmel. S. N.* i. 5, 2595, 1231, 1788. *Vill. E. L.* iv. 540, 1789. *Illig. (W. V.)* ii. 125, 1801. *Turt. S. N.* iii. 2, 370, 1806.
- ? *Gracillaria hemidactylella*, *Step. H.* iv. 367, 1835.
- ? *Tinea hemedactylella*, *Fab. Man.* ii. 247, 69, 1787. *Fab. E. S.* iii. 2, 307, 90, 1794.
- ? *Ypsolophus hemedactylus*, *Fab. E. S. Sup.* 506, 6, 1798.

## 5. GRACILARIA FALCONIPENNELLA.

B. M.

*Tinea falconipennella*, *Hüb.* 317, 1816.*Ornix falconipennella*, *Treit. E. S.* ix. 2, 203, 1833.*Gracilaria falconipennella*, *Zell. L. E.* ii. 323, 1847. *Sta. Ent. Trans.* i. n. s., 122, 1851.

## 6. GRACILARIA SEMIFASCIA.

B. M.

*Gracillaria semifascia*, *Haw. L. B.* 528, 1829. *Step. H.* iv. 365, 1835.*Gracilaria semifascia*, *Sta. Ent. Trans.* i. n. s., 124, pl. 14, f. 13, 1851.*Gracilaria picipennella*, *Zell. L. E.* ii. 328, 1847.  
*Wood, I. E.* f. 1612.

## 7. GRACILARIA POPULETORUM.

B. M.

*Gracilaria populetorum*, *Zell. Isis*, 1839, p. 209. *Id. L. E.* ii. 330, 1847. *Sta. Ent. Trans.* i. n. s., 125, pl. 14, f. 11, 1851.? *Gracillaria violacea*, *Haw. L. B.* 528, 1829. *Step. H.* iv. 368, 1835.

## 8. GRACILARIA ELONGELLA.

B. M.

*Phalæna* (*Tinea*) *elongella*, *Linn. F. S.* 1436, 1761. *Id. S. N.* (12), 890, 385, 1767.*Tinea elongella*, *Müller, F. F.* 58, 514, 1764. *Id. Z. D. P.* 135, 1564, 1776. *Fab. G. I.* 295, 1776. *Id. S. I.* ii. 297, 44, 1781. *Id. Man.* ii. 247, 68, 1787. *Id. E. S.* iii. 2, 307, 89, 1794. *Goëze, E. B.* iii. 4, 100, 385, 1783. *Gmel. S. N.* i. 5, 2595, 385, 1788. *Vill. E. L.* ii. 471, 876, 1789. *Turt. S. N.* iii. 2, 370, 1806.*Gracillaria elongella*, *Step. H.* iv. 367, 1835.*Gracilaria elongella*, *Lienig, Isis*, 1846, p. 297. *Zell. L. E.* ii. 334, 1847. *Sta. Ent. Trans.* i. n. s., 127, 1851.*Ypsolophus elongatus*, *Fab. E. S. Sup.* 506, 5, 1798.*Phalæna* (*Tinea*) *punctella*, *Linn. F. S.* 1437, 1761. *Id. S. N.* (12), 890, 386, 1767.

*Tinea punctella*, Müller, *F. F.* 58, 515, 1764. *Id. Z. D. P.* 135, 1565, 1776. *Fab. S. E.* 661, 34, 1775. *Id. S. I.* ii. 297, 46, 1781. *Id. Man.* ii. 247, 71, 1787. *Id. E. S.* iii. 2, 307, 95, 1794. *Id. E. S. Sup.* 490, 52, 1798. *Goëze, E. B.* iii. 4, 100, 386, 1783. *Gmel. S. N.* i. 5, 2595, 386, 1788. *Turt. S. N.* iii. 2, 371, 1806.

*Tinea signipennella*, Hüb. 196, 1801.

*Ornix signipennella*, Treit. *E. S.* ix. 2, 200, 1833.

*Gracillaria signipennella*, Dup. *L. F.* xi. 598, pl. 311, f. 10, 11, 1838.

*Gracillaria hemidactyla*, Haw. *L. B.* 527, 1829.

*Ornix roscipennella*, Treit. *E. S.* ix. 2, 202, 1833. *Dup. L. F.* xi. 596, pl. 311, f. 9, 1838. *Evers. F. V. U.* 601, 1844.

*Gracillaria inconstans*, Sta. *Ent. Trans.* i. n. s., 125, pl. 14, f. 1—7, 1851.

? *Alucita ochrodactyla*, W. *V.* 145, 1, 1776.

? *Tinea punctella*, Vill. *E. L.* ii. 471, 877, 1789.

? *Tinea roscipennella*, Hüb. 198, 1801.

? *Gracillaria rufipennella*, Step. *H.* iv. 367, 1835.

*Wood, I. E.* f. 1617, 1618, 1619.

#### 9. GRACILARIA TRINGIPENNELLA.

B. M.

*Gracillaria tringipennella*, Zell. *Isis*, 1839, p. 209. *Id. L. E.* ii. 339, 1847. *Sta. Ent. Trans.* i. n. s., 130, 1851.

*Ornix fringilella*, Dup. *L. F. Sup.* iv. 303, pl. 75, f. 11, 1842.

? *Gracillaria roscipennis*, Haw. *L. B.* 528, 1829.

? *Gracillaria roscipennella*, Step. *H.* iv. 368, 1835.

#### 10. GRACILARIA SYRINGELLA.

B. M.

*Tinea Syringella*, Fab. *E. S.* iii. 2, 328, 177, 1794. *Id. E. S. Sup.* 496, 84, 1798. *Schr. F. B.* ii. 136, 1881, 1802. *Turt. S. N.* iii. 2, 378, 1806. *Bouché, Gart. Ins.* 119, 1833.

*Gracillaria Syringella*, Step. *H.* iv. 364, 1835.

*Ornix Syringella*, Zell. *Isis*, 1838, p. 679.

*Oecophora Syringella*, Dup. *L. F. Sup.* iv. 298, pl. 75, f. 6, 1842.

*Gracillaria Syringella*, Zell. *L. E.* ii. 342, 1847. *Sta. Ent. Trans.* i. n. s., 131, 1851.

*Gracillaria anastomosis*, Haw. *L. B.* 530, 1829. *Curt. B. E.* fo. 479, 1833.



*Ornix ardeæpennella*, *Treit. E. S.* ix. 2, 205, 1833.

*Gracillaria ardeæpennella*, *Dup. L. F.* xi. 589, (pl. 311, f. 5?), 1838.

*Wood, I. E.* f. 1607.

11. GRACILARIA OMISSELLA.

B. M.

*Argyromiges omissella*, (*Dougl.*), *Sta. Zool.* 1848, p. 2163. *Id. Ent. Trans.* i. n. s., 183, pl. 15, f. 1, 1851.

12. GRACILARIA PHASIANIPENNELLA.

*Tinea phasianipennella*, *Hüb.* 321, 1816.

*Ornix phasianipennella*, *Treit. E. S.* ix. 2, 209, 1833. *Zell. Isis*, 1839, p. 675.

*Gracillaria phasianipennella*, *Zell. Isis*, 1839, p. 209.. *Id. L. E.* ii. 350, 1847. *Sta. Ent. Trans.* i. n. s., 185, pl. 15, f. 2, 1851.

? *Tinea phasianipennella*, *Hüb. Larvæ*, iii.

13. GRACILARIA AUROGUTTELLA.

B. M.

*Glyphipteryx auroguttella*, *Step. H.* iv. 274, 1834.

*Gracillaria auroguttella*, *Sta. Ent. Trans.* i. n. s., 187, pl. 15, f. 3, 4, 1851.

*Gracillaria auroguttella*, *Dougl. Ent. Trans.* ii. n. s., 124, pl. 14, f. 3, 1853.

*Gracillaria lacertella*, *Zell. Isis*, 1839, p. 209. *Id. Isis*, 1847, p. 889. *Id. L. E.* ii. 347, 1847.

? *Tinea stipella*, *Haw. L. B.* 568, 1829.

? *Gracillaria plumbella*, *Dup. L. F. Sup.* iv. 517, pl. 89, f. 13, 1842.

*Wood, I. E.* f. 1378.

14. GRACILARIA QUADRUPELLA.

B. M.

*Gracillaria quadrupella*, *Zell. Isis*, 1839, p. 209. *Id. L. E.* ii. 355, 1847. *Sta. Ent. Trans.* i. n. s., 188, pl. 15, f. 5, 1851.

*Euspilapteryx auroguttella*, *Step. H.* iv. 363, 1835.

*Wood, I. E.* f. 1604.

## 15. GRACILARIA ONONIDIS.

Gracilaria Ononidis, *Zell. Isis*, 1839, p. 209. *Id. L. E.* ii. 358, 1847. *Sta. Ent. Trans.* i. n. s., 191, pl. 15, f. 7, 1851.

Elachista Ononiella, *Dup. L. F. Sup.* iv. 325, pl. 77, f. 7, 1842.

Elachista moniliella, *Tengstr. F. F.-F.* 147, 1847.

Argyromiges argentipunctella, *Sta. Zool.* 1848, p. 2163.

## 16. GRACILARIA IMPERIALELLA.

Gracilaria imperialella, *Mann. L. E.* ii. 365. *Anm.* 1847. *Sta. Sup. Cat.* p. 8, 1851.

## 2, (160, 516). CORISCIMUM.

Coriscium, *Zell. Isis*, 1839, p. 210. *Id. L. E.* ii. 313, 1847. *Dup. Cat.* 372, 1844.

Trichotripis, p., *Hüb. V.* 425, 1817.

Gracillaria, p., *Haw. L. B.* 527, 1829. *Step. H.* iv. 363, 1834.

Elachista, p., *Dup. L. F.* xi. 499, 1838.

## 1. CORISCIMUM BRONGNIARDELLUM.

B. M.

Tinea Brongniardella, *Fab. E. S. Sup.* 496, 83, 1798.

Gracillaria substriga, *Haw. L. B.* 532, 1829. *Step. H.* iv. 365, 1835. *Sircom, Zool.* 1848, p. 2272.

Elachista Curtisella, *Dup. L. F.* xi. 546, pl. 309, f. 4, 1838.

Gracilaria quercetella, *Zell. Isis*, 1838, p. 708.

Coriscium quercetellum, *Zell. Isis*, 1839, p. 210. *Id. L. E.* ii. 366, pl. 2, f. 20, 1847. *Sta. Zool.* 1848, p. 2036. *Rich. Ent. Ztg.* 1850, p. 27.

Argyromiges quercetella, *Sta. Zool.* 1848, p. 2164. *Wood, I. E.* f. 1611.

## 2. CORISCIMUM CUCULIPENNELLUM.

B. M.

*Tinea cuculipennella*, *Hüb. Larvæ*, iii.

*Ornix cuculipennella*, *Treit. E. S.* ix. 2, 204, 1833. *Evers. F. V. U.* 601, 1844.

*Gracillaria cinerea*, *Haw. L. B.* 530, 1829. *Step. H.* iv. 364, 1835.

*Elachista alaudella*, *Dup. L. F.* xi. 525, pl. 308, f. 1, 1838.

*Coriscium alaudellum*, *Zell. L. E.* ii. 369, 1847. *Sta. Zool.* 1848, p. 2036.

*Gracilaria Ligustrinella*, *Zell. Isis*, 1838, p. 680.

*Coriscium Ligustrinellum*, *Zell. Isis*, 1839, p. 210.

? *Tinea cuculipennella*, *Hüb.* 192, 1801.

## 3. CORISCIMUM SULPHURELLUM.

B. M.

*Tinea sulphurella*, *Haw. L. B.* 564, 1829.

*Gracillaria leucapennella*, *Step. H.* iv. 368, 1835.

*Ornix citrinella*, *F. v. R.* 196, pl. 70, f. 2, 1839.

*Coriscium citrinellum*, *Zell. Isis*, 1839, p. 210. *Id. L. E.* ii. 372, 1847.

? *Tinea sulphurella*, *Step. H.* iv. 346, 1835.

*Wood, I. E.* f. 1622.

## 3, (161, 517). ORNIX.

*Ornix*, *Zell. Isis*, 1839, p. 210. *Id. L. E.* ii. 313, 1847. *Dup. Cat.* 373, 1844.

*Trichotripis*, p., *Hüb. V.* 425, 1816.

*Ornix*, p., *Treit. E. S.* ix. 2, 194, 1833.

## 1. ORNIX AVELLANELLA.

B. M.

*Ornix Avellanella*, *Sta. I. B. Lep. Tin.* p. 204, 1854.

*Ornix meleagripennella*, *Sta. Ent. Trans.* i. n. s., 88, 1850.

? *Gracillaria taxella*, *Curt. Ann. & Mag. Nat. H. 2nd series*, v. 120, 1850.

## 2. ORNIX DEVONIELLA.

*Ornix Devoniella*, *Sta. Ent. Trans.* i. n. s., 89, 1850.

## 3. ORNIX ANGLICELLA.

B. M.

*Ornix Anglicella*, *Sta. Ent. Trans.* i. n. s., 92, 1850.

? *Gracillaria nebulea*, *Haw. L. B.* 532, 1829. *Step. H.* iv. 364, 1835.

? *Tinea meleagripennella*, *Haw. L. B.* 578, 1829.

? *Gracillaria meleagripennella*, *Step. H.* iv. 364, 1835.  
*Wood, I. E.* f. 1606.

## 4. ORNIX BETULÆ.

*Ornix Betulæ*, *Sta. I. B. Lep. Tin.* p. 205, 1854.

## 5. ORNIX SCUTULATELLA.

*Ornix scutulatella*, *Sta. I. B. Lep. Tin.* p. 206, 1854.

## 6. ORNIX TORQUILLELLA.

*Ornix torquillella*, *Zell. Ent. Ztg.* 1850, p. 161. *Sta. Ent. Trans.* i. n. s., 93, 1850.

? *Tinea meleagripennella*, *Hüb.* 189, 1801.

? *Gracillaria meleagripennella*, *Dup. L. F. Sup.* iv. 467, pl. 86, f. 4, 1842.

? *Ornix meleagripennella*, *Evers. F. V. U.* 601, 1844.

## 7. ORNIX SCOTICELLA.

B. M.

*Ornix Scoticella*, *Sta. Ent. Trans.* i. n. s., 94, 1850.

? *Ornix meleagripeunella*, *Treit. E. S.* ix. 2, 207, 1833.

## 8. ORNIX LOGANELLA.

*Argyromiges Loganella*, *Sta. Zool.* 1848, p. 2162.

*Ornix Loganella*, *Sta. Ent. Trans.* i. n. s., 91, 1850.

## 9. ORNIX GUTTEA.

B. M.

*Gracillaria guttea*, *Haw. L. B.* 531, 1829.

*Callisto guttea*, *Step. H.* iv. 277, 1834.

*Cecophora guttiferella*, *Dup. L. F.* xi. 495, pl. 306, f. 12, 1838.

*Ornix guttiferella*, *Zell. Isis*, 1839, p. 210. *Id. L. E.* ii. 378, pl. 2, f. 23, 1847.

? *Tinea Malinella*, *Hüb. Larvæ*, iii.

? *Cecophora marginimaculella*, *Evers. F. V. U.* 598, 1844.

*Wood, I. E.* f. 1386.

## Fam. IX. COLEOPHORIDÆ.

*Coleophoridæ*, *Sta. I. B. Lep. Tin.* p. 208, 1854.

### 1, (162, 518). COLEOPHORA.

*Coleophora*, *Zell. Isis*, 1839, p. 206. *Id. L. E.* iv. 191, 1849.  
*Dup. Cat.* 368, 1844.

*Porrectaria*, p., *Haw. L. B.* 533, 1829.

*Ornix*, p., *Treit. E. S.* ix. 2, 194, 1833.

*Damophila*, et *Porrectaria*, *Curt. B. E.* fo. 391, 687, 1832, 1838.

*Ornix*, et *Gracillaria*, p., *Dup. L. F.* xi. 556, 580, 1838.

*Astyages*, p., *Metallosetia*, et *Porrectaria*, *Step. H.* iv. 279, 283, 284, 1834.

*Eupista*, *Apista*, *Pæciloptilia*, et *Haploptilia*, *Hüb. V.* 426, 427, 428, 1816.

### 1. COLEOPHORA FABRICIELLA.

B. M.

*Tinea Fabriciella*, *Vill. E. L.* ii. 527, 1077, 1789.

*Porrectaria spissicornis*, *Haw. L. B.* 537, 1829.

*Damophila spissicornis*, *Curt. B. E.* fo. 391, 1832.

*Metallosetia spissicornis*, *Step. H.* iv. 283, pl. 41, f. 1, 1834.

*Coleophora Mayrella*, *Zell. Isis*, 1839, p. 206. *Id. Isis*, 1847, p. 884. *Id. L. E.* iv. 200, 1849. *Sta. Zool.* 1850.

*App.* lxxv.

*Ornix lusciniæpennella*, *Evers. F. V. U.* 602, 1844.

? *Tinea Mayrella*, *Hüb.* 322, 1816.

? *Tinea Frischella*, *Charp. (W. V.)* 162. *Z. g. S.* 222, 1821.

## 2. COLEOPHORA DEAURATELLA.

B. M.

*Coleophora deauratella*, *Lienig, Isis*, 1846, p. 295. *Zell. L. E.* iv. 204, 1849. *Sta. Zool.* 1850. App. lxxv. *Id. Zool.* 1853, p. 4029.

? *Metallosetia Trifolii*, *Step. H.* iv. 284, 1834.

## 3. COLEOPHORA ALCYONIPENNELLA.

B. M.

*Ornix alcyonipennella*, \**Kollar, Verz. der nied. ost. Schm.* p. 99.

*Elachista alcyonipennella*, *Dup. L. F.* xi. 554, pl. 309, f. 12, 13, 1838.

*Coleophora alcyonipennella*, *Zell. Isis*, 1839, p. 208. *Id. Isis*, 1847, p. 888. *Id. L. E.* iv. 208, 1849. *Sta. Zool.* 1850. App. lxxv. *Id. Zool.* 1853, p. 4026. *Dougl. Ent. Trans.* ii. n. s., 80, pl. 11, f. 2, 1852.

*Wood, I. E.* f. 1403, 1404.

## 4. COLEOPHORA FRISCHELLA.

*Phalæna (Tinea) Frischella*, *Linn. S. N.* (10), 541, 289, 1758.

*Id. F. S.* 1396, 1761. *Id. S. N.* (12), 896, 433, 1767.

*Tinea Frischella*, *Müller, F. F.* 56, 498, 1764. *Id. Z. D. P.* 137, 1589, 1776. *Fab. S. E.* 663, 48, 1775. *W. V.* 140, 53, 1776. *Goëze, E. B.* iii. 4, 117, 433, 1783.

*Coleophora Frischella*, *Zell. L. E.* iv. 209. *Anm.* i. 1849. *Sta. Zool.* 1850. App. lxxv.

*Damophila Trifolii*, *Curt. B. E.* fo. 391, 1832.

? *Alucita Frischella*, *Fab. S. I.* ii. 309, 19, 1781. *Id. Man.* ii. 256, 26, 1787.

? *Tinea Frischella*, *Gmel. S. N.* i. 5, 2614, 433, 1788. *Vill. E. L.* ii. 487, 924, 1789. *Charp. (W. V.)* 145, 1821.

? *Damophila Trifolii*, *Bond, Ent. Trans.* iv. Proc. 121, 1847.

## 5. COLEOPHORA PARIPENNELLA.

B. M.

*Coleophora paripennella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 208. *Id. L. E.* iv. 211, 1849. *Sta. Zool.* 1850. App. lxxv. *Id. Zool.* 1853, p. 4029.

## 6. COLEOPHORA WOCKEELLA.

*Coleophora Wockeella*, *Zell. L. E.* iv. 215, 1849. *Sta. Zool.* 1850. App. lxxvi. *Id. Zool.* 1853, p. 4029.

## 7. COLEOPHORA OCHREA.

B. M.

*Porrectaria ochrea*, *Haw. L. B.* 533, 1829. *Step. H.* iv. 296, 1834.

*Coleophora ochrea*, *Zell. L. E.* iv. 216, 1849. *Sta. Zool.* 1850. App. lxxvi. *Id. Zool.* 1853, p. 4029.

*Ornix argentipennella*, *Dup. L. F.* xi. 564, pl. 310, f. 3, 1838.

*Coleophora argentipennella*, *Zell. Isis*, 1847, p. 884.

*Coleophora hapsella*, *Zell. Isis*, 1839, p. 206.

*Wood, I. E.* f. 1410.

## 8. COLEOPHORA BINOTAPENNELLA.

*Ornix binotapennella*, (*F. v. R.*), *Dup. L. F. Sup.* iv. 295, pl. 75, f. 3, 1842.

*Coleophora binotatella*, *Zell. L. E.* iv. 224, 1849. *Sta. Zool.* 1850. App. lxxvi.

## 9. COLEOPHORA LIXELLA.

B. M.

*Coleophora Lixella*, *Zell. L. E.* iv. 231, 1849. *Sta. Zool.* 1850. App. lxxvii. *Id. Zool.* 1853, p. 4029.

*Porrectaria ornatea*, *Haw. L. B.* 534, 1829.

*Porrectaria ornatipennella*, *Step. H.* iv. 285, 1834.

? *Ornix ornatipennella*, *Dup. L. F.* xi. 562, pl. 310, f. 2, 1838.

## 10. COLEOPHORA VIBICELLA.

B. M.

*Tinea vibicella*, *Hüb.* 308, 1816.

*Coleophora vibicella*, *Zell. L. E.* iv. 232, 1849. *Sta. Zool.* 1850. App. lxxvii. *Id. Zool.* 1853, p. 4026.

*Ornix vibicipennella*, *Treit. E. S.* ix. 2, 217, x. 3, 219, 1833; 1835. *Dup. L. F.* xi. 560, pl. 310, f. 1, 1838. *Evers. F. V. U.* 603, 1844.

*Cleodora vibicipennella*, *Weaver, Zool.* 1845, p. 947.

## 11. COLEOPHORA CONSPICUELLA.

B. M.

*Coleophora conspicuella*, (Mann), *Zell. L. E.* iv. 236, 1849.  
*Id. Bres. Zeit. f. Ent.* 1850, p. 31. *Sta. Zool.* 1850. App.  
 lxxvii. *Id. Zool.* 1853, p. 4026.

## 12. COLEOPHORA PYRRHULIPENNELLA.

*Coleophora pyrrhulipennella*, (Tischer), *Zell. Isis*, 1839, p. 206.  
*Id. L. E.* iv. 253, 1849. *Sta. Zool.* 1850. App. lxxix. *Id.*  
*Zool.* 1853, p. 4026.  
 ? *Ornix vibicigerella*, *Dup. L. F.* xi. 576, pl. 310, f. 11, 1838.

## 13. COLEOPHORA ALBICOSTA.

B. M.

*Porrectaria albicosta*, *Haw. L. B.* 535, 1829. *Step. H.* iv.  
 286, 1834. *Curt. B. E.* fo. 687, 1838.  
*Coleophora albicosta*, *Zell. L. E.* iv. 255, 1849. *Sta. Zool.*  
 1850. App. lxxix. *Id. Zool.* 1853, p. 4030.

## 14. COLEOPHORA VULNERARIÆ.

*Coleophora Vulnerariæ*, *Zell. Isis*, 1839, p. 207. *Id. L. E.* iv.  
 260, 1849. *Sta. Zool.* 1850. App. lxxix.  
 ? *Ornix icterella*, *Dup. L. F.* xi. 578, pl. 310, f. 12, 1838.

## 15. COLEOPHORA ANATIPENNELLA.

B. M.

*Tinea anatipennella*, *Hüb.* 186, 1801. *Z. g. S. Germ. Mag.* i.  
 39, 1813.  
*Ornix anatipennella*, *Treit. E. S.* ix. 2, 211, x. 3, 217, 1833,  
 1835.  
*Porrectaria anatipennella*, *Step. H.* iv. 285, 1834.  
*Tinea Tiliella*, *Schr. F. B.* ii. 107, 1804, 1802.  
*Coleophora Tiliella*, *Zell. Isis*, 1838, p. 719. *Id. Isis*, 1839,  
 p. 207. *Id. L. E.* iv. 278, 1849. *Sta. Zool.* 1850. App.  
 lxxxii. *Id. Zool.* 1853, p. 4026.  
 ? *Porrectaria anatipennis*, *Haw. L. B.* 534, 1829.  
*Frisch*, i. 39, tab. 12, 1766.  
 ? *Kuhn, Naturforscher*, ix. 169—176, pl. 1, f. 2, 1776.



## 16. COLEOPHORA PALLIATELLA.

B. M.

*Tinea palliatella*, *Z. g. S. Germ. Mag.* i. 40, 1813.

*Coleophora palliatella*, *Zell. Isis*, 1838, p. 720. *Id. L. E.* iv. 282, 1849. *Sta. Zool.* 1850. App. lxxxix. *Id. Zool.* 1853, p. 4026.

*Ornix palliipennella*, *Treit. E. S.* ix. 2, 212, x. 3, 218, 1833, 1835.

? *Ornix palliipennella*, *Dup. L. F. Sup.* iv. 257, pl. 72, f. 8, 1842.

## 17. COLEOPHORA CURRUCIPENNELLA.

B. M.

*Coleophora currucipennella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 247. *Id. L. E.* iv. 286, 1849. *Sta. Zool.* 1850. App. lxxxix. *Id. Zool.* 1853, p. 4026.

*Porrectaria ornatipennella*, *Douglas, Entom.* 385, 1842. *Wood, I. E.* f. 1405.

## 18. COLEOPHORA NIVEICOSTELLA.

*Coleophora niveicostella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 208. *Id. L. E.* iv. 299, 1849. *Sta. Zool.* 1850. App. lxxxix. *Id. Zool.* 1853, p. 4030.

? *Ornix niveicostella*, *Dup. L. F. Sup.* iv. 482, pl. 87, f. 3, 1842.

## 19. COLEOPHORA DISCORDELLA.

B. M.

*Coleophora discordella*, *Zell. L. E.* iv. 301, 1849. *Sta. Zool.* 1850. App. lxxxix. *Id. Zool.* 1853, p. 4026.

? *Porrectaria gallipennis*, *Haw. L. B.* 534, 1829.

? *Porrectaria gallipennella*, *Step. H.* iv. 286, 1834.

? *Ornix gallipennella*, *Treit. E. S.* x. 3, 218, 1849.

## 20. COLEOPHORA SATURATELLA.

*Coleophora saturatella*, *Sta. Zool.* 1850. App. xciii. *Id. Zool.* 1853, p. 4030.

## 21. COLEOPHORA ONOSMELLA.

B. M.

*Tinea Onosmella*, *Brahm, Scriba's Beit.* ii. 133—140, pl. 9, f. 7, 8, 1791. *Id. I. K.* 317, 534, 1791.

*Coleophora Onosmella*, *Zell. Isis*, 1839, p. 207. *Id. L. E.* iv. 314, 1849. *Sta. Zool.* 1850. App. lxxxiv. *Id. Zool.* 1853, p. 4027.

*Ornix struthionipennella*, *Treit. E. S.* ix. 2, 219, 1833. *Dup. L. F.* xi. 570, (pl. 310, f. 8 †), 1838. *Evers. F. V. U.* 603, 1844.

*Porrectaria struthionipennella*, *Step. H.* iv. 285, 1834.

*Tinea struthionipennella*, *Treit. Heulfs.* 407, 1834. *Reich. Schm.* 147, 1852.

† *Tinea pennella*, *W. V.* 140, 61, 1776. *Goëze, E. B.* iii. 4, 137, 100, 1783. *Illig. (W. V.)* ii. 111, 1801. *Charp. (W. V.)* 148. *Z. g. S.* 207, 1821.

‡ *Tinea struthionipennella*, *Hüb.* 209, 1801.

## 22. COLEOPHORA THERINELLA.

*Coleophora therinella*, (*Zell.*), *Tengström, F. F.-F.* 141, 7, 1847. *Zell. L. E.* iv. 319, 1849. *Sta. Zool.* 1850. App. lxxxiv.

## 23. COLEOPHORA TROGLODYTELLA.

*Coleophora troglodytella*, *Zell. L. E.* iv. 322, 1849. *Sta. Zool.* 1850. App. lxxxiv. *Id. Zool.* 1853, p. 4027.

Var. ? *Coleophora Inulæ*, *Dougl. Ent. Trans.* i. n. s. Proc. 101, 1851. *Sta. Zool.* 1853, p. 4027.

‡ *Coleophora otidipennella*, *Zell. Isis*, 1839, p. 207.

‡ *Ornix troglodytella*, *Dup. L. F. Sup.* iv. 304, pl. 75, f. 12, 1842.

## 24. COLEOPHORA LINEOLEA.

B. M.

*Porrectaria lineolea*, *Haw. I. B.* 534, 1829. *Step. H.* iv. 286, 1834.

*Coleophora lineolea*, *Sta. Zool.* 1853, p. 4028.

*Coleophora crocogrammos*, *Zell. L. E.* iv. 325, 1849. *Sta. Zool.* 1850. App. lxxxv.

## 25. COLEOPHORA MURINIPENNELLA.

B. M.

*Coleophora murinipennella*, (F. v. R.), *Zell. L. E.* iv. 334, 1849. *Sta. Zool.* 1850. App. lxxxv.

? *Porrectaria leucapennis*, *Haw. L. B.* 535, 1829.

? *Porrectaria leucapennella*, *Step. H.* iv. 287, 1834.

## 26. COLEOPHORA CÆSPITITIELLA.

B. M.

*Coleophora cæspititiella*, *Zell. Isis*, 1839, p. 208. *Id. L. E.* iv. 338, 1849. *Sta. Zool.* 1850. App. lxxxv.

Var. ? *Coleophora alticolella*, *Zell. L. E.* iv. 341, 1849. *Sta. Zool.* 1850. App. lxxxvi. *Id. Zool.* 1853, p. 4029.

Var. ? *Coleophora lacunicolella*, *Zell. L. E.* iv. 343, 1849. *Sta. Zool.* 1850. App. lxxxvi.

## 27. COLEOPHORA ANNULATELLA.

B. M.

*Coleophora annulatella*, (*Nylander*), *Tengström, F. F.-F.* 143, 12, 1847. *Zell. L. E.* iv. 348, 1849. *Sta. Zool.* 1850. App. lxxxvi.

? *Phalæna* (*Tinea*) *vestianella*, *Linn. S. N.* (10), 536, 252, 1758. *Id. F. S.* 1417, 1761. *Id. S. N.* (12), 888, 370, 1767.

? *Phalæna vestianella*, *Scop. F. C.* 256, 669, 1763.

? *Tinea vestianella*, *Fab. S. E.* 660, 25, 1775. *Id. S. I.* ii. 295, 32, 1781. *Id. Man.* ii. 246, 55, 1787. *Id. E. S.* iii. 2, 304, 74, 1794. *Id. E. S. Sup.* 490, 54, 1798. *Müller, Z. D. P.* 134, 1551, 1776. *Goëze, E. B.* iii. 4, 91, 370, 1783. *Gmel. S. N.* i. 5, 2592, 370, 1788. *Vill. E. L.* ii. 465, 861, 1789. *Cederh. F. I.* 256, 807, 1798. *Turt. S. N.* iii. 2, 369, 1806.

## 28. COLEOPHORA ARGENTULA.

*Coleophora argentula*, *Zell. L. E.* iv. 368, 1849. *Sta. Zool.* 1850. App. lxxxviii. *Id. Zool.* 1853, p. 4028.

? *Tinea otidipennella*, *Hüb.* 433, 1816.

? *Ornix otidipennella*, *Treit. E. S.* ix. 2, 220, 1833. *Dup. L. F.* xi. 569, pl. 310, f. 6, 1838. *Evers. F. V. U.* 603, 1844.

? *Porrectaria argentula*, *Step. H.* iv. 287, 1834.

? *Ornix laripennella*, *Zett. I. L.* 1011, 1840.

## 29. COLEOPHORA HEMEROBIELLA.

B. M.

*Phalæna hemerobiella*, Scop. *F. C.* 252, 650, 1763.

*Tinea hemerobiella*, Goëze, *E. B.* iii. 4, 147, 181, 1783.  
*Vill. F. L.* ii. 511, 1001, 1789. *Schr. F. B.* ii. 110, 1811,  
 1802.

*Ornix hemerobiella*, Zell. *Isis*, 1838, p. 713. *F. v. R.* 195,  
 pl. 69, pl. 70, f. 1, 1839.

*Coleophora hemerobiella*, Zell. *Isis*, 1839, p. 208. *Id. L. E.*  
 iv. 374, 1849. *Sta. Zool.* 1850. App. lxxxix. *Id. Zool.*  
 1853, p. 4028.

*Tinea anseripennella*, Hüb. 319, 1816.

*Ornix anseripennella*, Treit. *E. S.* ix. 2, 221, x. 3, 220, 1833,  
 1835. *Tischer*, (*F. v. R.* 117), 1838. *Dup. L. F.* xi. 573,  
 pl. 310, f. 10, 1838. *Evers. F. V.U.* 603, 1844.

*Porrectaria anseripennella*, Step. *H.* iv. 285, 1834.  
*Frisch*, i. 37, tab. 11, 1766.

## 30. COLEOPHORA JUNCICOLELLA.

*Coleophora juncicolella*, Sta. *Sup. Cat.* p. 7, 1851.

## 31. COLEOPHORA LARICELLA.

B. M.

*Tinea Laricella*, Hüb. 427, 1816. *Id. Larvæ*, iii.

*Gracillaria Laricella*, Dup. *L. F.* xi. 586, pl. 311, f. 3, 1838.

*Coleophora Laricella*, Zell. *Isis*, 1839, p. 208. *Id. L. E.* iv.  
 376, 1849. *Sta. Zool.* 1850. App. lxxxix. *Id. Zool.* 1853,  
 p. 4028.

*Tinea Laricinella*, Ratz. *F. I.* ii. 244, pl. 15, f. 3, 1840. *Id.*  
*Waldverderber*, 106, 1850.

*Ornix argyropennella*, Treit. *E. S.* x. 3, 221, 1835.

## 32. COLEOPHORA ALBITARSELLA.

B. M.

*Coleophora albitarsella*, Zell. *L. E.* iv. 378, 1849. *Sta. Zool.*  
 1850. App. lxxxix. *Id. Zool.* 1853, p. 4028. *Doughl. Ent.*  
*Trans.* ii. n. s., 79, pl. 11, f. 1, 1852.

? *Tinea monacella*, Schr. *F. B.* ii. 125, 1802.

## 33. COLEOPHORA NIGRICELLA.

B. M.

*Astyages nigricella*, *Step. H.* iv. 281, 1834.

*Coleophora nigricella*, *Sta. Zool.* 1853, p. 4028.

*Tinea lusciniæpennella*, *Bouché, Ent. Ztg.* 1847, p. 162.

*Coleophora coracipennella*, *Zell. L. E.* iv. 379, 1849. *Sta. Zool.* 1850. App. lxxxix.

? *Phalæna* (*Tinea*) *serratella*, *Linn. F. S.* 1448, 1761. *Id. S. N.* (12), 892, 398, 1767.

? *Tinea serratella*, *Goëze, E. B.* iii. 4, 104, 398, 1783. *Gmel. S. N.* i. 5, 2595, 398, 1788. *Vill. E. L.* ii. 475, 889, 1789.

? *Tinea coracipennella*, *Hüb.* 208, 1801. *Id. Larvæ*, iii.

? *Astyages coracipennella*, *Step. H.* iv. 280, 1834.

? *Gracillaria coracipennella*, *Dup. L. F.* xi. 584, pl. 311, f. 2, 1838.

? *Ornix coracipennella*, *Zell. Isis*, 1838, p. 713.

? *Coleophora coracipennella*, *Zell. Isis*, 1839, p. 208.

? *Porrectaria coracipennis*, *Haw. L. B.* 536, 1829.

? *Tinea spinella*, *Schr. F. B.* ii. 233, 1872, 1802.

? *Astyages nigricella*, *Walker, Zool.* 1845, p. 1087. *Wood, I. E.* f. 1400.

## 34. COLEOPHORA FUSCEDINELLA.

B. M.

*Coleophora fuscadinella*, *Zell. L. E.* iv. 383, 1849. *Sta. Zool.* 1850. App. lxxxix. *Id. Zool.* 1853, p. 4028.

? *Tinea coracipennella*, *Z. g. S. Germ. Mag.* i. 39, 1813.

? *Porrectaria obscurea*, *Haw. L. B.* 536, 1829.

? *Astyages obscurella*, *Step. H.* iv. 281, 1834.

*Wood, I. E.* f. 1394.

## 35. COLEOPHORA ORBITELLA.

*Coleophora orbitella*, *Zell. L. E.* iv. 385, 1849. *Sta. Zool.* 1850. App. xc.

## 36. COLEOPHORA GRYPHIPENNELLA.

B. M.

*Ornix gryphipennella*, *Bouché, Natur.* 131, 1834.

*Tinea rhodophagella*, \**Kollar*, 1837. *Id. (Loudon's Trans. Insects inj. to Gardens*, p. 180), 1840.

*Coleophora lusciniæpennella*, *Zell. L. E.* iv. 390, 1849. *Sta. Zool.* 1850. App. xc. *Id. Zool.* 1853, p. 4028. *Richter, Ent. Ztg.* 1850, p. 27.

? *Ornix lusciniæpennella*, *Zell. Isis*, 1838, p. 713.

? *Coleophora lusciniæpennella*, *Zell. Isis*, 1839, p. 208.

### 37. COLEOPHORA VIMINETELLA.

B. M.

*Coleophora viminetella*, (v. *Heyd.*), *Zell. L. E.* iv. 393. *Anm.* i. 1849. *Sta. Zool.* 1853, p. 4028.

? *Ornix lusciniæpennella*, *Treit. E. S.* ix. 2, 213, 1833.

? *Gracillaria lusciniæpennella*, *Dup. L. F.* xi. 592, pl. 311, f. 6, 1838.

### 38. COLEOPHORA OLIVACEELLA.

*Coleophora olivaceella*, *Sta. I. B. Lep. Tin.* p. 223, 1854.

### 39. COLEOPHORA SOLITABIELLA.

*Coleophora solitariella*, *Zell. L. E.* iv. 397, 1849. *Sta. Zool.* 1850. App. xci. *Id. Zool.* 1853, p. 4029. *Dougl. Ent. Trans* ii. n. s., 81, pl. 11. f. 3, 1852.

### 40. COLEOPHORA LUTIPENNELLA.

B. M.

*Ornix lutipennella*, *Zell. Isis*, 1838, p. 713.

*Coleophora lutipennella*, *Zell. Isis*, 1839, p. 208. *Id. L. E.* iv. 398, 1849. *Sta. Zool.* 1850. App. xci.

*Coleophora lutarea*, *Sta. Zool.* 1853, p. 4029.

? *Porrectaria lutarea*, *Haw. L. B.* 537, 1829.

? *Astyages lutarea*, *Step. H.* iv. 281, 1834.

? *Astyages ochroleucella*, *Step. H.* iv. 281, 1834.

? *Ornix lutipennella*, *Dup. L. F. Sup.* iv. 293, pl. 75, f. 1, 1842.

? *Coleophora lusciniæpennella*, *Lienig, Isis*, 1846, p. 296. *Wood, I. E.* f. 1398, 1411.

### 41. COLEOPHORA BADIIPENNELLA.

B. M.

*Coleophora badiipennella*, (*F. v. R.*), *Zell. L. E.* iv. 401, 1849. *Sta. Zool.* 1850. App. xci. *Id. Zool.* 1853, p. 4030.

## Fam. X. ELACHISTIDÆ.

Elachistidæ, *Sta. I. B. Lep. Tin.* p. 224, 1854.

## 1, (163, 519). BEDELLIA.

Bedellia, *Sta. Cat.* p. 23, 1849.

## 1. BEDELLIA SOMNULENTELLA.

B. M.

Lyonetia somnulentella, *Zell. Isis*, 1847, p. 894.

Bedellia somnulentella, *Dougl. Ent. Trans.* ii. n. s., 208, pl. 17, f. 1, 1853.

Bedellia Orpheella, *Sta. Cat.* p. 23, 1849.

## 2, (164, 520). STATHMOPODA.

Stathmopoda, (*Zell.*) *Sta. I. B. Lep. Tin.* p. 227, 1854.

Cosmopteryx, p., *Hüb. V.* 424, 1816. *Zell. Isis*, 1839, p. 210.  
*Dup. Cat.* 373, 1844.

Elachista, p., *Dup. L. F.* xi. 499, 1838.

## 1. STATHMOPODA PEDELLA.

Phalæna (Tinea) pedella, *Linn. F. S.* 1433, 1761. *Id. S. N.* (12), 894, 420, 1767.

Tinea pedella, *Müller, F. F.* 57, 513, 1764. *Id. Z. D. P.* 136, 1582, 1776. *Goëze, E. B.* iii. 4, 112, 420, 1783.  
*Gmel. S. N.* i. 5, 2600, 420, 1788. *Vill. E. L.* ii. 482, 911, 1789.

Tinea cylindrella, *Fab. G. I.* 295, 1776. *Id. S. I.* ii. 297, 45, 1781. *Id. Man.* ii. 247, 70, 1787. *Id. E. S.* iii. 2, 308, 92, 1794. *Goëze, E. B.* iii. 4, 153, 214, 1783. *Gmel. S. N.* i. 5, 2595, 1232, 1788. *Vill. E. L.* ii. 499, 959, 1789.  
*Turt. S. N.* iii. 2, 370, 1806.

Ypsolophus cylindricus, *Fab. E. S. Sup.* 507, 8, 1798.

Ypsilophus cylindricus, *Panz. I. G.* 24.

Tinea angustipennella, *Hüb.* 197, 1801.

Ornix angustipennella, *Treit. E. S.* ix. 2, 197, 1833.

*Elachista angustipennella*, *Dup. L. F.* xi. 552, pl. 309, f. 10, 1838.

*Tinea alucitella*, *Z. g. S. (Charp. W. V.)* 232, 1821.

? *Tinea alucitella*, *W. V.* 144, 40, 1776. *Goëze, E. B.* iii. 4, 140, 135, 1783.

? *Tinea Rudolphinella*, *Esper, Naturforscher*, xxv. 43, pl. 2, f. 1, 1791.

### 3, (165, 521). COSMOPTERYX.

*Cosmopteryx*, *Sta. I. B. Lep. Tin.* p. 228, 1854.

*Cosmopteryx*, p., *Hüb. V.* 424, 1816. *Zell. Isis*, 1839, p. 210. *Dup. Cat.* 373, 1844.

*Gracillaria*, p., *Haw. L. B.* 527, 1829.

*Glyphipteryx*, p., *Step. H.* iv. 271, 1834.

#### 1. COSMOPTERYX DRURELLA.

B. M.

*Tinea Drurella*, *Fab. S. E.* 666, 64, 1775. *Id. E. S.* iii. 2, 327, 172, 1794. *Vill. E. L.* ii. 502, 972, 1789.

*Cosmopteryx Druryella*, *Zell. Ent. Ztg.* 1850, p. 197.

*Tinea Zieglerella*, *Hüb.* 306, 1816.

*Æcophora Zieglerella*, *Evers. F. V. U.* 596, 1844.

*Gracillaria eximia*, *Haw. L. B.* 532, 1829.

*Glyphipteryx eximia*, *Step. H.* iv. 273, 1834.

? *Tinea Drurella*, *Fab. S. I.* ii. 305, 89, 1781. *Id. Man.* ii. 253, 133, 1787. *Id. E. S. Sup.* 499, 101, 1798. *Goëze, E. B.* iii. 4, 152, 210, 1783. *Gmel. S. N.* i. 5, 2605, 1264, 1788. *Turt. S. N.* iii. 2, 377, 1806.

*Wood, I. E.* f. 1375.

#### 2. COSMOPTERYX LIENIGIELLA.

*Cosmopteryx Lienigiella*, *Zell. Isis*, 1846, p. 298. *Sta. Zool.* 1850, p. 2753.

### 4, (166, 522). BATRACHEDRA.

*Batrachedra*, *Sta. I. B. Lep. Tin.* p. 230, 1854.

*Gracillaria*, p., *Haw. L. B.* 527, 1829. *Step. H.* iv. 363, 1834.

*Ornix*, p., *Treit. E. S.* ix. 2, 194, 1833.

*Cosmopteryx*, p., *Zell. Isis*, 1839, p. 210. *Dup. Cat.* 373, 1844.



## 1. BATRACHEDRA PRÆANGUSTA.

B. M.

*Gracillaria præangusta*, *Haw. L. B.* 530, 1829. *Step. H.* iv. 368, 1835.

*Ornix turdipennella*, *Treit. E. S.* ix. 2, 210, 1833.

*Gracillaria turdipennella*, *Dup. L. F.* xi. 593, pl. 310, f. 7, 1838.

*Cosmopteryx turdipennella*, *Zell. Isis*, 1839, p. 210. *Lienig, Isis*, 1846, p. 299.

*Wood, I. E. f.* 1624.

## 2. BATRACHEDRA PINICOLELLA.

B. M.

*Ornix pinicolella*, (*Zell.*), *Dup. L. F.* xi. 579, pl. 310, f. 13, 1838.

*Cosmopteryx pinicolella*, *Zell. Isis*, 1839, p. 210. *Sta. Zool.* 1850, p. 2753.

## 5, (167, 523). OINOPHILA.

*Oinophila*, *Step. Ent. Trans.* v. Proc. xli. 1848.

*Gracillaria*, p., *Haw. L. B.* 527, 1829. *Step. H.* iv. 363, 1835.

## 1. OINOPHILA V-FLAVA.

B. M.

*Gracillaria V-flava*, *Haw. L. B.* 530, 1829. *Step. H.* iv. 365, 1835. *Bedell, Ent. Trans.* iv. Proc. 133, 1847.

*Oinophila V-flava*, *Step. Ent. Trans.* v. Proc. xli. 1848.

*Wood, I. E. f.* 1609.

## 6, (168, 524). CHAULIODUS.

*Chauliodus*, *Treit. E. S.* ix. 2, 31, 1833. *Dup. L. F.* xi. 202, 1838. *Id. Cat.* 351, 1844.

*Lophonotus*, *Step. H.* iv. 218, 1834.

*Elachista*, p., *Zell. Isis*, 1839, p. 210.

*Epermenia*, *Calotripis*, p., et *Trichotripis*, p. *Hüb. V.* 418, 424, 425, 1816.

## 1. CHAULIODUS INSECURELLUS.

(*Elachista insecurella*, *Sta. Cat.* p. 24, 1849).  
*Chauliodus Illigerellus*, *Sta. Zool.* 1848, p. 2035.

## 2. CHAULIODUS ILLIGERELLUS.

B. M.

*Tinea Illigerella*, *Hüb.* 333, 1816.  
*Chauliodus Illigerella*, *Treit. E. S.* ix. 2, 32, 1833. *Dup. L.*  
*F.* xi. 204, pl. 294, f. 1, 1838.  
*Chauliodus Illigerella*, *Evers. F. V. U.* 576, 1844.  
*Recurvaria falciformis*, *Haw. L. B.* 555, 1829.  
*Cleodora falciformis*, *Step. H.* iv. 221, 1834. *Curt. B. E.* fo.  
 671, 1837.

## 3. CHAULIODUS CHÆROPHYLLLELLUS.

B. M.

*Tinea Chærophyllella*, *Goëze, E. B.* iii. 4, 169, 292, 1783.  
*Vill. E. L.* ii. 516, 1022, 1789.  
*Tinea testaceella*, *Hüb.* 326, 1816.  
*Elachista testaceella*, *Zell. Isis*, 1839, p. 211, 340. .  
*Gracillaria testacella*, *Dup. L. F. Sup.* iv. 301, pl. 75, f. 9,  
 1842.  
*Lophonotus fasciculellus*, *Step. H.* iv. 218, pl. 39, f. 1, 1831.  
*Phalæna bicristata Chærophylli*, *Retz. G. & S. I.* 55, 172,  
 1783.  
*De Geer*, i. 455, pl. 29, f. 9—18, 1752.  
*De Geer*, ii. 1, 496, 1776.  
*Wood, I. E.* f. 1234.

## 7, (169, 525). LAVERNA.

*Laverna*, *Sta. I. B. Lep. Tin.* p. 235, 1854.  
*Laverna*, p., *Curt. B. E.* fo. 735, 1839.  
*Elachista*, p., *Zell. Isis*, 1839, p. 210. *Dup. Cat.* 374, 1844.

## 1. LAVERNA PROPINQUILLA.

*Elachista propinquella*, *Sta. Sup. Cat.* p. 8, 1851.

## 2. LAVERNA LACTEELLA.

B. M.

*Anacampsis lacteella*, *Step. H.* iv. 210, 1834.*Elachista gibbiferella*, *Zell. Isis*, 1839, p. 212. *Lienig, Isis*, 1846, p. 299.*Wood, I. E.* f. 1208.

## 3. LAVERNA STANTONI.

B. M.

*Lophoptilus Staintoni*, *Sircom, Zool.* 1848, p. 2038.? *Tinea miscella*, *W. V.* 142, 18, 1776. *Goëze, E. B.* iii. 4, 139, 122, 1783. *Illig. (W. V.)* ii. 118, 1801. *Hüb.* 273, 1812.

## 4. LAVERNA STEPHENSI.

*Elachista Stephensi*, *Sta. Cat.* p. 24, 1849.

## 5. LAVERNA EPILOBIELLA.

B. M.

*Tinea Epilobiella*, *Schr. F. B.* ii. 126, 1853, 1802. *Z. g. S.* (*Charp. W. V.*) 209, 1821. *Bouché, Gart. Ins.* 118, 1833.  
*Id. Naturg.* 126, 1834.*Æcophora Epilobiella*, *Treit. E. S.* x. 3, 208, 1835. *F. v. R.* 206, pl. 73, pl. 74, f. 1, 1839.*Recurvaria fulvescens*, *Haw. L. B.* 554, 1829.*Anacampsis fulvescens*, *Step. H.* iv. 215, 1834.*Cleodora nebulella*, *Step. H.* iv. 221, 1834. *Curt. B. E.* fo. 671, 1837.? *Tinea Epilobiella*, *W. V.* 141, 65, 1776. *Goëze, E. B.* iii. 4, 137, 103, 1783. *Illig. (W. V.)* ii. 112, 1801.? *Æcophora Epilobiella*, *Dup. L. F.* xi. 493, pl. 306, f. 10, 1838.*Wood, I. E.* f. 1238.

## 6. LAVERNA OCHRACEELLA.

*Laverna ochraceella*, *Curt. B. E.* fo. 735, 1839.? *Tinea clandestinella*, *Schr. F. B.* ii. 138, 1889, 1802.

## 7. LAVERNA PHRAGMITELLA.

*Limnæcia Phragmitella*, (*Bent.*), *Sta. Sup. Cat.* p. 4, 1851.

## 8. LAVERNA DECORELLA.

B. M.

*Anacampsis decorella*, *Step. H.* iv. 213, 1834.

## 9. LAVERNA SUBBISTRIGELLA.

B. M.

*Tinea subbistrigella*, *Haw. L. B.* 581, 1829.

*Ornix sturnipennella*, *Treit. E. S.* ix. 2, 209, 1833.

*Elachista sturnipennella*, *Zell. Isis*, 1839, p. 212.

## 10. LAVERNA ATRA.

B. M.

*Recurvaria atra*, *Haw. L. B.* 553, 1829.

*Anacampsis atra*, *Step. H.* iv. 213, 1834.

*Laverna atra*, *Curt. B. E.* fo. 735, 1839.

*Alucita Hellerella*, *Dup. L. F.* xi. 218, pl. 293, f. 11, 1838.

*Elachista putripennella*, *Zell. Isis*, 1839, p. 211.

*Wood, I. E.* f. 1220.

## 11. LAVERNA RHAMNIELLA.

B. M.

*Elachista Rhamniella*, *Zell. Isis*, 1839, p. 211.

*Anacampsis lophyrella*, *Dougl. Zool.* 1846, p. 1270, f. 9.

## 8, (170, 526). CHRYSOCLISTA.

*Chrysoclista*, *Sta. I. B. Lep. Tin.* p. 240, 1854.

*Cecophora*, p., *Lat. G. C. & I.* iv. 222, 1804.

*Glyptipteryx*, p., *Curt. B. E.* fo. 152. 1827. *Step. H.* iv. 271, 1834.

*Tinea*, p., *Haw. L. B.* 561, 1829.

*Elachista*, p., *Zell. Isis*, 1839, p. 210. *Dup. Cat.* 374, 1844.

## 1. CHRYSOCLISTA LINNEELLA.

B. M.

*Phalæna* (Tinea) Linneella, \**Clerck. I.* pl. 12, f. 8, 1759.  
*Linn. F. S.* 1408, 1761. *Id. S. N.* (12), 898, 446, 1767.

Tinea Linneella, *Fab. S. E.* 666, 61, 1775. *Id. S. I.* ii. 304, 84, 1781. *Id. Man.* ii. 252, 126, 1787. *Id. E. S.* iii. 2, 325, 166, 1794. *Id. E. S. Sup.* 495, 77, 1798. *Goëze, E. B.* iii. 4, 122, 446, 1783. *Gmel. S. N.* i. 5, 2604, 446, 1788. *Vill. E. L.* ii. 492, 937, 1789. *Rossi, F. E.* ii. 207, 1233, 1790. *Walck. F. P.* ii. 319, 1802. *Turt. S. N.* iii. 2, 377, 1806.

*Yponomeuta* Linneella, *Lat. H. N.* xiv. 251, 1802.

*Cecophora* Linneella, *Lam. H. N.* iii. 546, 1816. *Sam. Ent. Cab.* 1832. *Dup. L. F.* xi. 629, 1838. *F. v. R.* 257, pl. 88, f. 2, 1841.

*Glyphipteryx* Linneella, *Curt. B. E.* fo. 152, 1827. *Step. H.* iv. 271, 1834.

*Elachista* Linnæella, *Zell. Isis*, 1839, p. 212.

Tinea Linnæanella, *Geoff. H. A.* ii. 200, 45, 1762. *Fourc. E. P.* 333, 45, 1783.

*Cecophora* Schæfferella, *Dup. L. F.* xi. 462 (Linneella), pl. 306, f. 4, 1838.

*Wood, I. E.* f. 1370.

## 2. CHRYSOCLISTA BIMACULELLA.

Tinea bimaculella, *Haw. L. B.* 575, 1829.

*Glyphipteryx* bimaculella, *Step. H.* iv. 272, 1834.

*Elachista* bimaculella, *Sta. Cat.* p. 24, 1849.

## 3. CHRYSOCLISTA SCHRANKELLA.

B. M.

Tinea Schrankella, *Hüb.* 264, 1812.

*Cecophora* locupletella, *F. v. R.* 259, pl. 88, f. 3, 1841.

? Tinea locupletella, *W. V.* 141, 71, 1776. *Goëze, E. B.* iii. 4, 137, 108, 1783. *Illig. (W. V.)* ii. 113, 1801.

? Tinea Schrankella, *Schr. F. B.* ii. 131, 1869, 1802.

*Wood, I. E.* f. 1371.

## 4. CHRYSOCLISTA FLAVICAPUT.

B. M.

*Porrectaria* flavicaput, *Haw. L. B.* 536, 1829.

*Astyages* flavicaput, *Step. H.* iv. 282, 1834.

? Tinea aurifrontella, *Hüb.* 469, 1829.

*Wood, I. E.* f. 1401.

## 9, (171, 527). HELIODINES.

*Heliodines*, *Sta. I. B. Lep. Tin.* p. 243, 1854.

*Chrysoesthia*, p., *Hüb. V.* 422, 1816.

*Œcophora*, p., *Treit. E. S.* ix. 2, 155, 1833. *Dup. L. F.* xi. 447, 1838.

*Elachista*, p., *Zell. Isis.* 1839, p. 210.

## 1. HELIODINES RŒSELLA.

*Phalæna* (*Tinea*) *Rœsella*, *Linn. F. S.* 1406, 1761. *Id. S. N.* (12), 898, 445, 1767.

*Tinea* *Rœsella*, *Müller, F. F.* 56, 501, 1764. *Id. Z. D. P.* 137, 1592, 1776. *Fab. S. E.* 665, 60, 1775. *Id. S. I.* ii. 303, 80, 1781. *Id. Man.* ii. 252, 124, 1787. *Id. E. S.* iii. 2, 324, 163, 1794. *Id. E. S. Sup.* 494, 75, 1798. *W. V.* 143, 30, 1776. *Gmel. S. N.* i. 5, 2604, 445, 1788. *Vill. E. L.* ii. 491, 936, 1789. *Cederh. F. I.* 258, 816, 1798. *Hüb.* 135, 399, 400, 1801, 1816. *Illig. (W. V.)* ii. 122, 1801. *Turt. S. N.* iii. 2, 377, 1806. *Charp. (W. V.)* 165, 1821. *Haw. L. B.* 573, 1829.

*Yponomeuta* *Rœsella*, *Lat. H. N.* xiv. 251, 1802:

*Œcophora* *Rœsella*, *Lam. H. N.* iii. 546, 1816. *Treit. E. S.* ix. 2, 165, 1833. *Dup. L. F.* xi. 474, pl. 306, f. 1, 1838. *Evers. F. V. U.* 597, 1844. *Heeger, Isis*, 1848, p. 985—989, pl. 8, f. 12—24.

*Glyphipteryx* *Rœsella*, *Step. H.* iv. 272, 1834.

? *Phalæna* (*Tinea*) *Rœsella*, *Linn. S. N.* (10), 541, 297, 1758.

\**Clerck, I.* pl. 12, f. 13, 1759.

## 10, (172, 528). ANYBIA.

*Anybia*, *Sta. I. B. Lep. Tin.* p. 244, 1854.

*Elachista*, p., *Zell. Isis*, 1839, p. 210.

## 1. ANYBIA LANGIELLA.

B. M.

*Tinea* *langiella*, *Hüb.* 187, 1801.

*Elachista* *langiella*, *Zell. Isis*, 1839, p. 212. *Schlüger, Bericht*, 1847, p. 221.

*Elachista* *niveipunctella*, *Sta. Cat.* p. 25, 1849.

? *Elachista* *langiella*, *Treit. E. S.* ix. 2, 178, 1833.

## 11, (173, 529). ASYCHNA.

*Asychna*, *Sta. I. B. Lep. Tin.* p. 245, 1854.  
*Elachista*, p., *Zell. Isis*, 1839, p. 210.

## 1. ASYCHNA MODESTELLA.

B. M.

*Butalis modestella*, *Dup. L. F.* xi. 347, pl. 299, f. 8, 1838.  
*Elachista modestella*, *Sta. Cat.* p. 25, 1849. *Id. Ent. Trans.* i.  
 n. s., 25, 1850.  
*Coleophora splendidella*, *Lienig & Zell. Isis*, 1846, p. 296.  
 ? *Astyages serratella*, *Step. H.* iv. 280, 1834.  
*Wood, I. E.* f. 1395.

## 2. ASYCHNA FUSCOCILIELLA.

*Elachista fuscociliella*, *Sta. Ent. Trans.* i. n. s., 25, 1850.  
*Elachista æratella*, *Sta. Cat.* p. 25, 1849.

## 3. ASYCHNA ÆRATELLA.

B. M.

*Elachista æratella*, *Zell. Isis*, 1839, p. 212. *Sta. Ent. Trans.*  
 i. n. s., 24, 1850.  
 ? *Glyphipteryx metallella*, *Step. H.* iv. 273, 1834.

## 4. ASYCHNA TERMINELLA.

*Glyphipteryx terminella*, (*Dale*), *Hump. & West. B. M.* ii.  
 216, (pl. 113, f. 11?), 1845.  
*Elachista patriciella*, *Sta. Cat.* p. 25, 1849.

## 12, (174, 530). CHRYSOCORYS.

*Chrysocorys*, *Curt. Ent. Mag.* i. 191, 1833. *Id. B. E.* fo.  
 663, 1837. *Step. H.* iv. 282, 1834.  
*Schreckensteinia*, *Hüb. V.* 419, 1816.  
*Elachista*, p., *Zell. Isis*, 1839, p. 210.

## 1. CHRYSOCORYS FESTALIELLA.

B. M.

*Tinea festaliella*, *Hüb.* 449, 1822. *Id. Larvæ*, iii. (?) *Sta. Ent. Trans.* v. 142, 1849.

*Æcophora festaliella*, *Treit. E. S.* x. 3, 213, 1835.

*Elachista festaliella*, *Zell. Isis*, 1839, p. 212.

*Tinea scissella*, *Haw. L. B.* 580, 1829.

*Chrysocorys scissella*, *Curt. B. E.* fo. 663, 1837.

*Chrysocorys angustipennella*, *Curt. Ent. Mag.* i. 191, 1833. *Step. H.* iv. 282, 1834.

*Elachista Montandonella*, *Dup. L. F.* xi. 553, pl. 309, f. 11, 1838.

? *Æcophora festaliella*, *Dup. L. F.* xi. 489, pl. 306, f. 8, 1838.

*Wood, I. E.* f. 1402.

## 13, (175, 531). ELACHISTA.

*Elachista*, *Sta. I. B. Lep. Tin.* p. 248, 1854.

*Elachista*, p., *Treit. E. S.* ix. 2, 177, 1833. *Dup. L. F.* xi. 499, 1838. *Zell. Isis*, 1839, p. 210.

*Haploptilia*, p., *Hüb. V.* 428, 1816.

*Porrectaria*, p., et *Tinea*, p., *Haw. L. B.* 533, 561, 1829.

*Microsetia*, p., *Aphelosetia*, p., et *Amaurosetia*, p., *Step. H.* iv. 263, 287, 353, 1834, 1835.

## 1. ELACHISTA PFEIFFERELLA.

B. M.

*Tinea Pfeifferella*, *Hüb.* 398, 1816.

*Microsetia Pfeifferella*, *Step. H.* iv. 270, 1834.

*Elachista Pfeifferella*, *Zell. Isis*, 1839, p. 213. *Sta. Cat.* p. 26, 1849.

*Tinea quadriguttella*, *Haw. L. B.* 574, 1829.

*Wood, I. E.* f. 1369.

## 2. ELACHISTA TREITSCHKIELLA.

B. M.

*Elachista Treitschkiella*, *F. v. R.* 297, pl. 100, f. 4, 1843.

*Elachista Treitschkeella*, *Sta. Sup. Cat.* p. 9, 1851.

? *Æcophora Treitschkiella*, *Dup. L. F. Sup.* iv. 319, pl. 77, f. 1, 1842.



## 3. ELACHISTA GLEICHENELLA.

B. M.

*Tinea* Gleichenella, *Fab. S. I.* ii. 303, 81, 1781. *Id. Man.* ii. 252, 110, 1787. *Goëze, E. B.* iii. 4, 156, 231, 1783. *Gmel. S. N.* i. 5, 2603, 1257, 1788. *Vill. E. L.* ii. 501, 969, 1789.

*Tinea* Gleichella, *Fab. E. S.* iii. 2, 323, 158, 1794. *Id. E. S. Sup.* 498, 97, 1798. *Turt. S. N.* iii. 2, 376, 1806. *Haw. L. B.* 582, 1829.

*Microsetia* Gleichella, *Step. H.* iv. 270, 1834.

*Elachista* Gleichella, *Sta. Cat.* p. 26, 1849.

*Elachista* trifasciella, *Tengstr. F. F.-F.* 148, 1847.

*Wood, I. E. f.* 1368.

## 4. ELACHISTA BRUNNICHELLA.

B. M.

*Phalæna* (*Tinea*) *Brunnichella*, *Linn. S. N.* (12), 898, 448, 1767.

*Tinea* *Brunnichella*, *Gmel. S. N.* i. 5, 2065, 448, 1788. *Vill. E. L.* ii. 493, 939, 1789.

*Elachista* *magnificella*, *Zell. Isis*, 1847, p. 891. *Sta. Cat.* p. 26, 1849.

(*Microsetia* *Stephensella*, *Dougl. Ent. Trans.* v. Proc. xli. 1848).

## 5. ELACHISTA MAGNIFICELLA.

*Elachista* *magnificella*, *Tengstr. F. F.-F.* 147, 1847.

*Elachista* *regificella*, *Sircom, Zool.* 1849. App. xlii.

## 6. ELACHISTA APICIPUNCTELLA.

B. M.

*Elachista* *apicipunctella*, *Sta. Cat.* p. 26, 1849.

## 7. ELACHISTA ALBIFRONTELLA.

B. M.

*Tinea* *albifrontella*, *Hüb.* 432, 1816.

*Elachista* *albifrontella*, *Zell. Isis*, 1839, p. 212. *Sta. Cat.* p. 25, 1849.

*Tinea* *quadrella*, *Haw. L. B.* 582, 1829.

*Microsetia* *quadrella*, *Step. H.* iv. 265, 1834.

? *Tinea Gleichella*, *Wenner*, (*Thun.*), *I. S.* 7, 90, 1794.  
 ? *Amaurosetia albifrontella*, *Step. H.* iv. 355, 1835.  
*Wood*, *I. E.* f. 1349.

# 8. ELACHISTA HOLDENELLA.

*Elachista Holdenella*, (*Edleston*), *Sta. I. B. Lep. Tin.* p. 252, 1854.

# 9. ELACHISTA ATRICOMELLA.

B. M.

*Elachista atricomella*, *Sta. Cat.* p. 25, 1849.

♀. *Elachista alienella*, *Sta. Sup. Cat.* p. 9, 1851.

? *Microsetia exiguella*, *Step. H.* iv. 264, 1834.

# 10. ELACHISTA LUTICOMELLA.

B. M.

*Elachista luticomella*, *Zell. Isis*, 1839, p. 212. *Sta. Cat.* p. 25, 1849.

? *Tinea guttella*, *Haw. L. B.* 582, 1829.

? *Microsetia guttella*, *Step. H.* iv. 265, 1834.

# 11. ELACHISTA KILMUNELLA.

B. M.

*Elachista Kilmunella*, *Sta. Cat.* p. 25, 1849.

# 12. ELACHISTA ALPINELLA.

*Elachista alpinella*, (*Edleston*), *Sta. I. B. Lep. Tin.* p. 254, 1854.

# 13. ELACHISTA CINEREOPUNCTELLA.

B. M.

*Tinea cinereopunctella*, *Haw. L. B.* 582, 1829.

*Microsetia cinereopunctella*, *Step. H.* iv. 265, 1834.

*Elachista cinereopunctella*, *Sta. Cat.* p. 25, 1849.

## 14. ELACHISTA TRAPEZIELLA.

*Elachista trapeziella*, *Sta. Cat.* p. 26, 1849.

? *Recurvaria guttifera*, *Haw. L. B.* 553, 1829.

## 15. ELACHISTA NIGRELLA.

B. M.

*Tinea nigrella*, *Hüb.* 285, 1816. *Haw. L. B.* 583, 1829.

*Elachista nigrella*, *Treit. E. S.* ix. 2, 182, 1833. *Sta. Cat.* p. 26, 1849.

? *Microsetia nigrella*, *Step. H.* iv. 266, 1834.

? *Elachista nigrella*, *Zell. Isis*, 1839, p. 212. *Id. Isis*, 1849, p. 892.

## 16. ELACHISTA SUBNIGRELLA.

B. M.

*Elachista subnigrella*, *Dougl. Ent. Trans.* ii. n. s., 210, pl. 18, f. 1, 1854.

## 17. ELACHISTA OCCULTELLA.

*Elachista occultella*, *Dougl. Ent. Trans.* i. n. s. Proc. 7, 1850.  
*Sta. Sup. Cat.* p. 9, 1851.

## 18. ELACHISTA CONSORTELLA.

*Elachista consortella*, *Sta. Sup. Cat.* p. 9, 1851.

## 19. ELACHISTA PULCHELLA.

B. M.

*Tinea pulchella*, *Haw. L. B.* 582, 1829.

*Microsetia pulchella*, *Step. H.* iv. 266, 1834.

*Elachista pulchella*, *Sta. Cat.* p. 26, 1849.

*Wood, I. E.* f. 1351.

## 20. ELACHISTA BEDELLELLA. \*

B. M.

*Microsetia Bedellella*, *Sircom, Zool.* 1848, p. 2057.

*Elachista Bedellella*, *Sta. Cat.* p. 26, 1849.

*Elachista nigrella*, *Dup. L. F. Sup.* iv. 473, pl. 86, f. 9, 1842.

## 21. ELACHISTA OBSOURELLA.

B. M.

*Elachista obscurella*, *Sta. Cat.* p. 26, 1849.

## 22. ELACHISTA ALBINELLA.

B. M.

*Elachista Albinella*, *Sta. Cat.* p. 27, 1849.

? *Tinea Albinella*, *Haw. L. B.* 581, 1829.

? *Amaurosetia Albinella*, *Step. H.* iv. 355, 1838.

*Wood, I. B.* f. 1580.

## 23. ELACHISTA ZONABIELLA.

B. M.

*Elachista zonariella*, *Tengstr. F. F.-F.* 150, 1847.

*Elachista bisulcella*, *Zell. Ent. Ztg.* 1850, p. 203. *Sta. Sup. Cat.* p. 9, 1851.

## 24. ELACHISTA GANGABELLA.

B. M.

*Elachista gangabella*, (*F. v. R.*), *Zell. Ent. Ztg.* 1850, p. 202.  
*Sta. Sup. Cat.* p. 10, 1851.

## 25. ELACHISTA OBLIQUELLA.

*Elachista obliquella*, (*Edleston*), *Sta. I. B. Lep. Tin.* p. 258, 1854.

## 26. ELACHISTA ABRUPTELLA.

*Elachista abruptella*, *Sta. I. B. Lep. Tin.* p. 258, 1854.

## 27. ELACHISTA MEGERLELLA.

B. M.

*Elachista Megerlella*, *Sta. Cat.* p. 27, 1849. *Zell. Ent. Ztg.* 1850, p. 202. *Dougl. Ent. Trans.* ii. n. s., 211, pl. 18, f. 2, 1854.

? *Amaurosetia Megerlella*, *Step. H.* iv. 355, 1835.

? *Tinea unifasciella*, *Haw. L. B.* 584, 1829.

*Wood, I. E.* f. 1581.

## 28. ELACHISTA ADSCITELLA.

*Elachista adscitella*, *Sta. Sup. Cat.* p. 10, 1851.

## 29. ELACHISTA CERUSELLA.

B. M.

*Tinea cerusella*, *Hüb.* 183, 1801. *Haw. L. B.* 567, 1829.

*Amaurosetia cerusella*, *Step. H.* iv. 355, 1835.

*Elachista cerussella*, *Zell. Isis*, 1839, p. 213.

*Wood, I. E.* f. 1579.

## 30. ELACHISTA RHYNCHOSPORELLA.

B. M.

*Apheloseitia Rhynchosporella*, *Sta. Zool.* 1848, p. 2165.

## 31. ELACHISTA ELEOCHARIELLA.

*Elachista Eleochariella*, *Sta. Sup. Cat.* p. 10, 1851.

## 32. ELACHISTA BIATOMELLA.

*Apheloseitia biatomella*, *Sta. Zool.* 1848, p. 2165.

## 33. ELACHISTA SERRICORNIS.

*Elachista serricornis*, (*Logan*), *Sta. I. B. Lep. Tin.* p. 260, 1854.

## 34. ELACHISTA TRIATOMEA.

*Porrectaria triatomea*, *Haw. L. B.* 535, 1829.

*Apheloseitia triatomea*, *Step. H.* iv. 288, 1834.

*Elachista dispilella*, *Zell. Isis*, 1839, p. 213. *Sta. Cat.* p. 27, 1849.

? *Elachista bipunctella*, *Treit. E. S.* ix. 2, 181, 1833.

## 35. ELACHISTA TRISERIATELLA.

*Elachista triseriatella*, *Sta. I. B. Lep. Tin.* p. 261, 1854.

36. *ELACHISTA COLLITELLA*.

*Œcophora collitella*, (*F. v. R.*), *Dup. L. F. Sup.* iv. 327, pl. 77, f. 9, 1842.

? *Aphelosetia subocellea*, *Step. H.* iv. 290, 1834.

37. *ELACHISTA POLLINARIELLA*.

B. M.

*Elachista pollinariella*, (*Zell.*), *Dup. L. F.* xi. 508, pl. 307, f. 5, 1838. *Zell. Isis*, 1839, p. 213. *Sta. Sup. Cat.* p. 10, 1851.

*Wood, I. E.* f. 1306.

38. *ELACHISTA RUFOCINEREA*.

B. M.

*Porrectaria rufocinerea*, *Haw. L. B.* 535, 1829.

*Aphelosetia rufocinerea*, *Step. H.* iv. 289, 1834.

*Elachista rufocinerea*, *Zell. Ent. Ztg.* 1850, p. 204.

♀. *Porrectaria floslactis*, *Haw. L. B.* 535, 1829.

♀. *Aphelosetia floslactis*, *Step. H.* iv. 289, 1834.

*Wood, I. E.* f. 1420.

39. *ELACHISTA OCHREELLA*.

*Elachista ochreella*, *Sta. Cat.* p. 27, 1849.

Var. *Elachista nebulella*, *Sta. Sup. Cat.* p. 10, 1851.

40. *ELACHISTA CYGNIPENNELLA*.

B. M.

*Tinea cygnipennella*, *Hüb.* 207, 1801.

*Elachista cygnipennella*, *Zell. Isis*, 1839, p. 213. *Dougl. Ent. Trans.* ii. n. s., 211, pl. 18, f. 3, 1854.

*Porrectaria cygnipennis*, *Haw. L. B.* 536, 1829.

*Adela cygnella*, *Treit. E. S.* ix. 2, 117, 1833.

*Elachista cygnella*, *Dup. L. F.* xi. 543, pl. 309, f. 1, 1838.

♀. *Aphelosetia cygnipennella*, *Step. H.* iv. 288, 1834.

♂. *Aphelosetia semialbella*, *Step. H.* iv. 288, 1834.

? *Phalæna* (*Tinea*) *argentella*, \**Clerck, I.* pl. 11, f. 13, 1759.

? ♂. *Tinea Hauberella*, *Müller, Z. D. P.* 137, 1597, 1776. *Goëze, E. B.* iii. 4, 160, 254, 1783.

? ♀. *Tinea albella*, *Müller, Z. D. P.* 137, 1598, 1776. *Goëze, E. B.* iii. 4, 161, 255, 1783.

- ? *Tinea alabastrella*, *Schr. F. B.* ii. 121, 1840, 1802.  
 ? *Elachista cygnipennella*, *Zell. Isis*, 1847, p. 893.  
*Wood, I. E.* f. 1418.

#### 14, (176, 532). TISCHERIA.

- Tischeria*, *Zell. Isis*, 1839, p. 219. *Id. L. E.* iii. 333, 1848.  
*Dup. Cat.* 380, 1844.  
*Elachista*, p., *Treit. E. S.* ix. 2, 177, 1833. *Dup. L. F.* xi.  
 499, 1838.  
*Apheloseitia*, p., *Step. H.* iv. 287, 1834.

#### 1. TISCHERIA COMPLANELLA.

B. M.

- Tinea complanella*, *Hüb.* 428, 1816.  
*Elachista complanella*, *Treit. E. S.* ix. 2, 179, 1833. *Dup. L.*  
*F.* xi. 504, pl. 307, f. 2, 1838. *Zell. Isis*, 1838, p. 707.  
*Ratz. F. I.* ii. 251, pl. 12, f. 4, 1840. *Evers. F. V. U.* 599,  
 1844.  
*Tischeria complanella*, *Zell. Isis*, 1839, p. 219. *Id. L. E.* iii.  
 335, 1848. *Sta. Ent. Trans.* v. 139, 1849.  
*Apheloseitia rufipennella*, *Step. H.* iv. 289, 1834.  
 ? *Tinea Müllerella*, *Vill. E. L.* ii. 528, 1081, 1789.  
 ? *Porrectaria rufipennis*, *Haw. L. B.* 537, 1829.  
 ? *Apheloseitia fulvescens*, *Step. H.* iv. 289, 1834.  
*Wood, I. E.* 1424, 1425.

#### 2. TISCHERIA MARGINEA.

B. M.

- Tinea marginata*, *Haw. L. B.* 556, 1829.  
*Apheloseitia marginata*, *Step. H.* iv. 290, 1834.  
*Elachista Emyella*, *Dup. L. F.* xi. 548, pl. 309, f. 6, 1838.  
*Tischeria Emyella*, *Zell. Isis*, 1847, p. 895. *Id. L. E.* iii.  
 338, 1848. *Sta. Ent. Trans.* v. 139, 1849.  
*Wood, I. E.* f. 1426.

## Fam. XI. LITHOCOLLETIDÆ.

Lithocolletidæ, *Sta. I. B. Lep. Tin.* p. 264, 1854.

## 1, (177, 533). LITHOCOLLETIS.

Lithocolletis, *Zell. Isis*, 1839, p. 216. *Id. L. E.* i. 167, 1846.

*Dup. Cat.* 378, 1844.

Tinea, p., *Haw. L. B.* 561, 1829.

Argyromiges, p., *Curt. B. E.* fo. 284, 1829. *Step. H.* 254, 1834.

Elachista, p., *Treit. E. S.* ix. 2, 177, 1833. *Dup. L. F.* xi. 499, 1838. *Zett. I. L.* 1010, 1840.

Chrysoesthia, Lithocolletis, p., et Eucestis, *Hüb. V.* 422, 423, 1816.

## 1. LITHOCOLLETIS ROBORIS.

Lithocolletis Roboris, *Zell. Isis*, 1839, p. 217. *Id. L. E.* i. 174, pl. 1, f. 4, 1846.

Argyromiges Roborella, *Sta. Zool.* 1848, p. 2153.

Elachista Roborifoliella, *Dup. L. F. Sup.* iv. 342, pl. 78, f. 11, 1842.

## 2. LITHOCOLLETIS HORTELLA.

Tinea hortella, *Fab. E. S.* iii. 2, 327, 174, 1794. *Id. E. S. Sup.* 499, 100, 1798. *Turt. S. N.* iii. 2. 378, 1806. *Haw. L. B.* 579, 1829.

Argyromiges hortella, *Sta. Zool.* 1848, p. 2153.

Elachista Saporella, *Dup. L. F.* xi. 539, pl. 308, f. 10, 1838.

Lithocolletis Saporella, *Zell. L. E.* i. 177, pl. 1, f. 6, 1846. v. *Nicelli, Ent. Ztg.* 1851, p. 35.

Lithocolletis Kuhlweiniella, *Zell. Isis*, 1839, p. 217.

? Tinea microdactylella, *W. V.* 144, 42, 1776. *Goëze, E. B.* iii. 4, 140, 137, 1783. *Illig. (W. V.)* ii. 125, 1801.



## 3. LITHOCOLLETIS AMYOTELLA.

- Elachista Amyotella, *Dup. L. F.* xi. 544, pl. 309, f. 2, 1838.  
 Lithocolletis Amyotella, *Zell. L. E.* i. 180, pl. 1, f. 7, 1846.  
     *v. Nicelli, Ent. Ztg.* 1851, p. 36.  
 Argyromiges Amyotella, *Sircom, Zool.* 1848, p. 2271.  
 Lithocolletis Mülleriella, *Zell. Isis*, 1839, p. 217.

## 4. LITHOCOLLETIS LANTANELLA.

- Tinea Lantanella, *Schr. F. B.* ii. 136, 1888, 1802.  
 Lithocolletis elatella, *Zell. L. E.* i. 190, pl. 1, f. 12, 1846.  
     *Sta. Ent. Ztg.* 1852, p. 78.  
 Argyromiges elatella, *Sta. Zool.* 1848, p. 2091.

## 5. LITHOCOLLETIS TRIGUTTELLA.

- Lithocolletis triguttella, *Sta. Zool.* 1850, p. 2896. *Id. Ent. Ztg.* 1852, p. 78.

## 6. LITHOCOLLETIS QUINQUEGUTTELLA.

- Lithocolletis quinqueguttella, *Sta. Sup. Cat.* p. 12, 1851. *Id. Ent. Ztg.* 1852, p. 80.

## 7. LITHOCOLLETIS NIGRESCENTEELLA.

- Lithocolletis nigrescentella, *Logan, Ent. Trans.* i. n. s., 182, pl. 15, f. 9, 1851. *Sta. Ent. Ztg.* 1852, p. 79.

## 8. LITHOCOLLETIS IRRADIELLA.

- Lithocolletis irradiella, (*Scott*), *Sta. I. B. Lep. Tin.* p. 269, 1854. *Scott, Ent. Trans.* iii. n. s., pl. 1, f. 1, 1854.

## 9. LITHOCOLLETIS LAUTELLA.

B. M.

- Lithocolletis lautella, *Zell. L. E.* i. 194, pl. 1, f. 14, 1846.  
     *v. Nicelli, Ent. Ztg.* 1851, p. 49. *Sta. Ent. Ztg.* 1852, p. 78.  
 Argyromiges lautella, *Sta. Zool.* 1848, p. 2082.

## 10. LITHOCOLLETIS POMIFOLIELLA.

B. M.

*Lithocolletis pomifoliella*, *Zell. L. E.* i. 196, pl. 1, f. 15, 1846.

*Sta. Ent. Ztg.* 1852, p. 81.

*Argyromiges pomifoliella*, *Sta. Zool.* 1848, p. 2093.

Var. ? *Argyromiges Junoniella*, *Sta. Zool.* 1848, p. 2095.

? *Tinea Cydoniella*, *W. V.* 144, 35, 1776. *Goëze, E. B.* iii. 4, 140, 132, 1783. *Fab. Man.* ii. 252, 121, 1787. *Id. E. S.* iii. 2, 323, 159, 1794. *Id. E. S. Sup.* 498, 98, 1798. *Gmel. S. N.* i. 5, 2603, 1258, 1788. *Illig. (W. V.)* ii. 123, 1801. *Turt. S. N.* iii. 2, 376, 1806. *Hüb.* 271, 1812. *Haw. L. B.* 575, 1829.

? *Argyromiges Cydoniella*, *Step. H.* iv. 255, 1834.

? *Elachista Cydoniella*, *Dup. L. F.* xi. 528, pl. 308, f. 3, 1838.

? *Tinea Blancardella*, *Fab. S. I.* ii. 305, 91, 1781. *Id. Man.* ii. 253, 135, 1787. *Id. E. S.* iii. 2, 327, 175, 1794. *Id. E. S. Sup.* 500, 106, 1798. *Goëze, E. B.* iii. 4, 156, 234, 1783. *Gmel. S. N.* i. 5, 2605, 1266, 1788. *Vill. E. L.* ii. 503, 974, 1789. *Wenner, (Thun.), I. S.* 7, 90, 1794. *Turt. S. N.* iii. 2, 378, 1806. *Haw. L. B.* 575, 1829.

? *Elachista Blancardella*, *Treit. E. S.* ix. 2, 186, x. 3, 217, 1833, 1835. *Dup. L. F.* xi. 518, pl. 307, f. 10, 1838. *Evers. F. V. U.* 599, 1844.

? *Argyromiges Blancardella*, *Step. H.* iv. 255, 1834.

? *Lithocolletis Blancardella*, *Zell. Isis*, 1839, p. 218, 338.

? *Tinea Mespilella*, *Hüb.* 272, 1812.

? *Elachista Mespilella*, *Dup. L. F. Sup.* iv. 483, pl. 87, f. 4, 1842.

? *Tinea Rajella*, *Haw. L. B.* 577, 1829.

? *Lithocolletis pomifoliella*, *Zell. Isis*, 1839, p. 218.

? *Elachista pomifoliella*, *Dup. L. F. Sup.* iv. 307, pl. 76, f. 1, 1842.

## 11. LITHOCOLLETIS CORYLI.

*Lithocolletis Coryli*, v. *Nicelli*, *Ent. Ztg.* 1851, p. 36. *Sta. Zool.* 1851. App. clii., clxviii. *Id. Ent. Ztg.* 1852, p. 81.

## 12. LITHOCOLLETIS SPINICOLELLA.

*Lithocolletis spinicolella*, (*Kollar*), *Zell. L. E.* i. 203. *Anm.* i. 1846.

*Lithocolletis Pomonella* (spinicolella), *Sta. Zool.* 1851. App. clxx. *Id. Ent. Ztg.* 1852, p. 82.

Var.? *Lithocolletis Pomonella* (deflexella), *Sta. Zool.* 1851. App. clxx. *Id. Ent. Ztg.* 1852, p. 81.

? *Lithocolletis pomifoliella*, v. *Nicelli*, *Ent. Ztg.* 1851, p. 38.

### 13. LITHOCOLLETIS FAGINELLA.

*Lithocolletis Faginella*, (*Mann*), *Zell. L. E.* i. 204, *Anm.* iii. 1846. *Sta. Sup. Cat.* p. 12, 1851. *Id. Zool.* 1851. App. clxx. *Id. Ent. Ztg.* 1852, p. 82.

*Lithocolletis fagifoliella*, *Sircom*, *Zool.* 1849. App. xlii.

*Argyromiges Pomonella*, *Sta. Zool.* 1848, p. 2092.

*Lithocolletis Pomonella*, v. *Nicelli*, *Ent. Ztg.* 1851, p. 39.

Var. *Argyromiges securiferella*, *Sta. Zool.* 1848, p. 2094.

? *Tinea Mæstingella*, *Müller*, *F. F.* 58, 521, 1764. *Id. Z. D.* P. 138, 1603, 1776. *Vill. E. L.* ii. 525, 1068, 1789.

? *Elachista Blanchardella*, *Zett. I. L.* 1010, 1840.

? *Lithocolletis Pomonella*, *Zell. L. E.* i. 201, 1846.

### 14. LITHOCOLLETIS SALICICOLELLA.

B. M.

*Argyromiges salicicolella*, *Sircom*, *Zool.* 1848, p. 2271.

*Lithocolletis salicicolella*, *Sta. Ent. Ztg.* 1852, p. 83.

*Lithocolletis Capræella*, v. *Nicelli*, *Ent. Ztg.* 1851, p. 42. *Sta. Zool.* 1851. App. clviii., clxxi.

? *Argyromiges cavella*, *Sta. Zool.* 1848, p. 2086.

? Var. *Argyromiges connexella*, *Sta. Zool.* 1848, p. 2086.

### 15. LITHOCOLLETIS VIMINETORUM.

B. M.

*Lithocolletis viminetorum*, *Sta. I. B. Lep. Tin.* p. 272, 1854.

### 16. LITHOCOLLETIS CARPINICOLELLA.

B. M.

*Lithocolletis carpinicolella*, *Sta. Sup. Cat.* p. 13, 1851. *Id. Zool.* 1851. App. clxx. *Id. Ent. Ztg.* 1852, p. 83.

*Argyromiges ilicifoliella*, *Sta. Zool.* 1848, p. 2091.

? *Tinea Mespilella*, *Haw. L. B.* 576, 1829.

? *Argyromiges Mespilella*, *Step. H.* iv. 256, 1834.

## 17. LITHOCOLLETIS ULMIFOLIELLA.

B. M.

*Tinea ulmifoliella*, *Hüb.* 444, 1816.

*Elachista ulmifoliella*, *Treit. E. S.* ix. 2, 187, 1833. *Dup. L. F.* xi. 512, pl. 307, f. 7, 1838. *Zett. I. L.* 1010, 1840.

*Lithocolletis ulmifoliella*, *Zell. Isis*, 1839, p. 218. *Id. L. E.* i. 210, pl. 1, f. 18, 1846. *Lienig, Isis*, 1846, p. 300. *Bouché, Ent. Ztg.* 1847, p. 163. *v. Nicelli, Ent. Ztg.* 1851, p. 40. *Sta. Ent. Ztg.* 1852, p. 83.

*Argyromiges ulmifoliella*, *Sta. Zool.* 1848, p. 2084.

*Wood, I. E.* f. 1317.

## 18. LITHOCOLLETIS SPINOLELLA.

B. M.

*Elachista Spinolella*, *Dup. L. F.* xi. 535, pl. 308, f. 8, 1838.

*Argyromiges Spinolella*, *Sta. Zool.* 1848, p. 2085.

*Lithocolletis Spinolella*, *v. Nicelli, Ent. Ztg.* 1851, p. 40.

*Sta. Zool.* 1851. App. clvi. *Id. Ent. Ztg.* 1852, p. 83.

? *Elachista hilarella*, *Zett. I. L.* 1010, 1840.

## 19. LITHOCOLLETIS QUERCIFOLIELLA.

B. M.

*Lithocolletis quercifoliella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 217.

*Id. L. E.* i. 218, pl. 1, f. 22, 1846. *v. Nicelli, Ent. Ztg.*

1851, p. 44. *Sta. Ent. Ztg.* 1852, p. 84.

*Argyromiges quercifoliella*, *Sta. Zool.* 1848, p. 2090.

*Tinea Harrisella*, var.  $\mu$ ., *Haw. L. B.* 578, 1829.

? *Argyromiges Harrisella*, *Step. H.* iv. 257, 1834.

? *Elachista quercifoliella*, *Dup. L. F.* xi. 531, pl. 308, f. 5, 1838.

## 20. LITHOCOLLETIS MESSANIELLA.

B. M.

*Lithocolletis Messaniella*, *Zell. L. E.* i. 221, pl. 1, f. 23, 1846.

*Sta. Zool.* 1848, p. 2089. *Id. Ent. Ztg.* 1852, p. 84.

*Argyromiges Blancardella*, *Westw. Ent. Trans.* iv. Proc. 150, 1847.

## 21. LITHOCOLLETIS CORYLIFOLIELLA.

B. M.

*Tinea corylifoliella*, *Haw. L. B.* 580, 1829.

*Argyromiges corylifoliella*, *Step. H.* iv. 258, 1834. *Sta. Zool.* 1848, p. 2156.

*Lithocolletis corylifoliella*, *Sta. Ent. Ztg.* 1852, p. 85.

? *Tinea corylifoliella*, *Hüb.* 194, 1801.

? *Argyromiges ulmifoliella*, *Step. H.* iv. 259, 1834.

*Wood, I. E.* f. 1321.

## 22. LITHOCOLLETIS CALEDONIELLA.

*Lithocolletis Caledoniella*, *Sta. Sup. Cat.* p. 12, 1851. *Id.*  
*Ent. Ztg.* 1852, p. 84.

## 23. LITHOCOLLETIS VIMINIELLA.

B. M.

*Argyromiges viminiella*, *Sircom, Zool.* 1848, p. 2271.

*Lithocolletis viminiella*, *Sta. Ent. Ztg.* 1852, p. 86.

## 24. LITHOCOLLETIS SCOPARIELLA.

*Lithocolletis Scopariella*, (*Tischer*), *Zell. L. E.* i. 227, pl. 1, f.  
26, 1846. *Sta. Ent. Ztg.* 1852, p. 87.

## 25. LITHOCOLLETIS ULICICOLELLA.

*Lithocolletis ulicicolella*, (*Vaughan*), *Sta. Sup. Cat.* p. 12,  
1851. *Id. Ent. Ztg.* 1852, p. 87.

## 26. LITHOCOLLETIS ALNIFOLIELLA.

B. M.

*Tinea alnifoliella*, *Hüb.* 193, 1801.

*Elachista alnifoliella*, *Dup. L. F.* xi. 526, pl. 308, f. 2, 1838.

*Argyromiges alnifoliella*, *Sta. Zool.* 1848, p. 2096.

*Lithocolletis alnifoliella*, *Sta. Ent. Ztg.* 1852, p. 88.

*Lithocolletis Rajella*, *Zell. Isis*, 1839, p. 217, 337.

*Lithocolletis Alniella*, *Zell. L. E.* i. 229, pl. 1, f. 27, 1846.  
*v. Nicelli, Ent. Ztg.* 1851, p. 45.

? *Tinea Cramerella*, *Fab. G. I.* 296, 1776. *Id. S. I.* ii. 305,  
90, 1781. *Id. Man.* ii. 253, 134, 1787. *Goëze, E. B.* iii. 4,  
154, 218, 1783. *Gmel. S. N.* i. 5, 2605, 1265, 1788. *Vill.*  
*E. L.* ii. 502, 973, 1789.

? *Elachista Cramerella*, *Dup. L. F.* xi. 516, pl. 307, f. 9,  
1838.

## 27. LITHOCOLLETIS HEEGERIELLA.

B. M.

*Lithocolletis Heegeriella*, *Zell. L. E.* i. 232, pl. 1, f. 28, 1846.  
*v. Nicelli, Ent. Ztg.* 1851, p. 46. *Sta. Ent. Ztg.* 1852,  
 p. 88.

*Argyromiges Heegeriella*, *Sta. Zool.* 1848, p. 2273.

*Argyromiges tenella*, *Sta. Zool.* 1848, p. 2152.

## 28. LITHOCOLLETIS CRAMERELLA.

B. M.

*Tinea Cramerella*, *Fab. E. S.* iii. 2, 327, 173, 1794. *Id. E. S.*  
*Sup.* 499, 104, 1798. *Turt. S. N.* iii. 2, 378, 1806. *Haw.*  
*L. B.* 578, 1829.

*Argyromiges Cramerella*, *Step. H.* iv. 257, 1834. *Sta. Zool.*  
 1848, p. 2096.

*Lithocolletis Cramerella*, *Zell. Isis*, 1839, p. 217. *Id. L. E.* i.  
 234, pl. 1, f. 29, 1846. *v. Nicelli, Ent. Ztg.* 1851, p. 46.  
*Sta. Ent. Ztg.* 1852, p. 88.

? *Elachista tenella*, *Dup. L. F. Sup.* iv. 310, pl. 76, f. 5,  
 1842.

*Wood, I. E.* f. 1323, 1324.

## 29. LITHOCOLLETIS TENELLA.

*Lithocolletis tenella*, *Zell. L. E.* i. 236, pl. 1, f. 30, 1846.  
*Sta. Zool.* 1851. App. clxxi. *Id. Ent. Ztg.* 1852, p. 88.  
*Argyromiges tenella*, *Sta. Zool.* 1848, p. 2274.

## 30. LITHOCOLLETIS SYLVELLA.

B. M.

*Tinea sylvela*, *Haw. L. B.* 579, 1829.

*Argyromiges sylvela*, *Step. H.* iv. 258, 1834. *Sta. Zool.*  
 1848, p. 2154.

*Lithocolletis sylvela*, *Sta. Ent. Ztg.* 1852, p. 88.

*Lithocolletis acerifoliella*, *Zell. Isis*, 1839, p. 217. *Id. L. E.*  
 i. 239, pl. 1, f. 32, 33, 1846.

*Elachista acernella*, *Dup. L. F. Sup.* iv. 316, pl. 76, f. 11,  
 1842.

## 31. LITHOCOLLETIS EMBERIZÆPENNELLA.

B. M.

Ornix emberizæpennella, *Bouché, Natur.* 132, 1834.Lithocolletis emberizæpennella, *Zell. Isis*, 1839, p. 218. *Id.**L. E.* i. 241, pl. 1, f. 34, 1846. v. *Nicelli, Ent. Ztg.* 1851.p. 46. *Sta. Ent. Ztg.* 1852, p. 88. *Dougl. Ent. Trans.* ii.

n. s., 122, pl. 13, f. 3, 1853.

Argyromiges emberizæpennella, *Sta. Zool.* 1848, p. 2086.? Elachista emberizæpennella, *Dup. L. F. Sup.* iv. 312, pl. 76, f. 7, 1842.*Wood, I. E.* f. 1320.

## 32. LITHOCOLLETIS FRÖLICHIELLA.

Lithocolletis Frölichella, *Zell. Isis*, 1839, p. 218. *Id. L. E.*i. 243, pl. 1, f. 35, 1846. v. *Nicelli, Ent. Ztg.* 1851, p. 49.*Sta. Zool.* 1851. App. clxv. *Id. Ent. Ztg.* 1852, p. 88.? Elachista Frölichella, *Dup. L. F. Sup.* iv. 315, pl. 76, f. 10, 1842.

## 33. LITHOCOLLETIS DUNNINGIELLA.

Lithocolletis Dunningiella, *Sta. Ent. Ztg.* 1852, p. 88.Argyromiges Frölichella, *Sta. Zool.* 1848, p. 2088.

## 34. LITHOCOLLETIS NICELLII.

Lithocolletis Nicellii, (*Zell.*), *Sta. Zool.* 1851. App. clxxii.Lithocolletis tristigella, v. *Nicelli, Ent. Ztg.* 1851, p. 47. *Sta.**Zool.* 1851. App. clxiii.? Tinea Avellanella, *Schr. F. B.* ii. 138, 1887, 1802.

## 35. LITHOCOLLETIS STETTINENSIS.

Lithocolletis Stettinensis, v. *Nicelli, Ent. Ztg.* 1852, 219.

## 36. LITHOCOLLETIS KLEMANNELLA.

Tinea Klemannella, *Fab. S. I.* ii. 509, 1781. *Id. Man.* ii.252, 130, 1787. *Id. E. S.* iii. 2, 326, 169, 1794. *Id. E. S.**Sup.* 495, 80, 1798. *Gmel. S. N.* i. 5, 2604, 1252, 1788.*Vill. E. L.* ii. 507, 991, 1789. *Turt. S. N.* iii. 2, 377,1806. *Haw. L. B.* 576, 1829.

- Argyromiges Kleemannella*, *Step. H.* iv. 256, 1834.  
*Elachista Kleemannella*, *Zell. Isis*, 1838, p. 705.  
*Lithocolletis Kleemannella*, *Zell. Isis*, 1839, p. 218. *Id. L. E.*  
 i. 244, pl. 1, f. 36, 1846. v. *Nicelli, Ent. Ztg.* 1851, p. 49.  
*Sta. Ent. Ztg.* 1852, p. 88.  
 † *Tinea Kleemannella*, *Hüb.* 201, 1801.

## 37. LITHOCOLLETIS SCHREBERELLA.

B. M.

- Tinea Schreberella*, *Fab. S. I.* ii. 304, 86, 1781. *Id. Man.* ii. 252, 129, 1787. *Id. E. S.* iii. 2, 326, 168, 1794. *Id. E. S. Sup.* 495, 79, 1798. *Goëze, E. B.* iii. 4, 156, 232, 1783. *Gmel. S. N.* i. 5, 2604, 1261, 1788. *Vill. E. L.* ii. 502, 970, 1789. *Turt. S. N.* iii. 2, 377, 1806. *Haw. L. B.* 575, 1829.  
*Argyromiges Schreberella*, *Step. H.* iv. 255, 1834. *Sta. Zool.* 1848, p. 2083.  
*Lithocolletis Schreberella*, *Sta. Ent. Ztg.* 1852, p. 89.  
*Tinea Kleemannella*, *Panzer, I. G.* 24.  
*Lithocolletis ulminella*, *Zell. Isis*, 1839, p. 218. *Id. L. E.*  
 i. 246, pl. 1, f. 37, 1846. v. *Nicelli, Ent. Ztg.* 1851, p. 49.  
 † *Elachista Schreberella*, *Dup. L. F. Sup.* iv. 465, pl. 86, f. 2, 1842.  
*Wood, I. E.* f. 1319.

## 38. LITHOCOLLETIS TRISTRIGELLA.

B. M.

- Tinea tristrigella*, *Haw. L. B.* 576, 1829.  
*Argyromiges tristrigella*, *Step. H.* iv. 256, 1834. *Sta. Zool.* 1848, p. 2087.  
*Lithocolletis tristrigella*, *Sta. Ent. Ztg.* 1852, p. 89.  
 Var. *Argyromiges strigifasciella*, *Sta. Zool.* 1848, p. 2087.

## 39. LITHOCOLLETIS TRIFASCIELLA.

B. M.

- Tinea trifasciella*, *Haw. L. B.* 576, 1829.  
*Argyromiges trifasciella*, *Step. H.* iv. 257, 1834. *Sta. Zool.* 1848, p. 2088.  
*Lithocolletis trifasciella*, *Sta. Ent. Ztg.* 1852, p. 89. *Dougl. Ent. Trans.* ii. n. s., 120, pl. 13, f. 1, 1853.  
*Argyromiges alnifoliella*, *Step. H.* iv. 259, 1834.  
*Lithocolletis Heydenii*, *Zell. L. E.* i. 247, pl. 1, f. 38, 1846.  
*Wood, I. E.* f. 1327.



## 40. LITHOCOLLETIS SCABIOSELLA.

B. M.

*Lithocolletis Scabiosella*, *Dougl. Ent. Trans.* ii. n. s., 121, pl. 13, f. 2, 1853.

## 41. LITHOCOLLETIS COMPARELLA.

*Lithocolletis comparella*, (*F. v. R.*), *Zell. L. E.* i. 257, pl. 1, f. 42, 1846. *Sta. Ent. Ztg.* 1852, p. 90.

*Argyromiges comparella*, *Sta. Zool.* 1848, p. 2155.

? *Elachista comparella*, *Dup. L. F. Sup.* iv. 318, pl. 76, f. 13, 1842.

## Fam. XII. LYONETIDÆ.

*Lyonetidæ*, *Sta. I. B. Lep. Tin.* p. 282, 1854.

## 1, (178, 534). LYONETIA.

*Lyonetia*, *Hüb. V.* 423, 1816. *Zell. L. E.* iii. 250, 1848.

*Argyromiges*, p., *Curt. B. E.* fo. 284, 1829. *Step. H.* iv. 254, 1834.

*Elachista*, p., *Treit. E. S.* ix. 2, 177, 1833. *Dup. L. F.* xi. 499, 1838.

*Lyonetia*, p., *Zell. Isis*, 1839, p. 214. *Dup. Cat.* 377, 1844.

## 1. LYONETIA CLERCKELLA.

B. M.

*Phalæna* (*Tinea*) *Clerckella*, *Linn. S. N.* (10), 542, 299, 1758. *Id. F. S.* 1411, 1761. *Id. S. N.* (12), 899, 450, 1767.

*Tinea Clerckella*, *Goëze, E. B.* iii. 4, 123, 450, 1783. *Vill. E. L.* ii. 494, 941, 1789. *Treit. Heulfs.* 406, 1834. *Ratz. F. I.* ii. 252, 1840.

*Elachista Clerckella*, *Treit. E. S.* ix. 2, 191, 1833. *Dup. L. F.* xi. 510, pl. 307, f. 6, 1838.

*Lyonetia Clerckella*, *Zell. Isis*, 1839, p. 216. *Id. L. E.* iii. 252 (ii. pl. 2, f. 30), 1848. *Bouché, Ent. Ztg.* 1847, p. 162. *Sta. Ent. Trans.* v. 121, 1849.

- Argyromiges Clerckella*, *Sta. Zool.* 1848, p. 2159.  
*Tinea cerasifoliella*, *Hüb.* 190, 1801.  
*Tinea malella*, *Schr. F. B.* ii. 113, 1816, 1802.  
*Argyromiges autumnella*, *Curt. B. E.* fo. 284, 1829. *Step. H.* iv. 260, 1834.  
*Argyromiges nivella*, *Step. H.* iv. 260, 1834.  
 Var. *Elachista æreella*, *Treit. E. S.* ix. 2, 192, 1833.  
 Var. *Argyromiges semiaurella*, *Step. H.* iv. 260, 1834.  
 Var. *Elachista Fonscolombella*, *Dup. L. F.* xi. 549, pl. 309, f. 7, 1838.  
 ? *Tinea argyrodactyla*, *W. V.* 320, 47, 1776. *Goëze, E. B.* iii. 4, 142, 157, 1783. *Illig. (W. V.)* ii. 125, 1801.  
 ? *Tinea Clerckella*, *Fab. Man.* ii. 253, 139, 1787. *Gmel. S. N.* i. 5, 2605, 450, 1788. *Rossi, F. E.* ii. 207, 1234, 1790. *Hüb. Larvæ*, iii. *Turt. S. N.* iii. 2, 378, 1806.  
 ? *Tinea cerasifoliella*, *Hüb. Larvæ*, iii.  
 ? *Elachista cerasifoliella*, *Dup. L. F. Sup.* iv. 518, pl. 89, f. 14, 1842.  
 ? *Lyonetia cerasifoliella*, *Lienig, Isis*, 1846, p. 300.  
*Goëze, Naturf.* v. 1—18, pl. 1, f. 3—6, pl. 2, f. 9—11, 1775.  
*Wood, I. E.* f. 1332, 1333, 1334.

## 2. LYONETIA PADIFOLIELLA.

B. M.

- Argyromiges padifoliella*, *Sta. Zool.* 1848, p. 2160.  
*Lyonetia padifoliella*, *Sta. Ent. Trans.* v. 122, 1849.  
*Argyromiges acerfoliella*, *Curt. Ann. Nat. Hist. 2nd series*, v. 118, 1851.  
 ? *Tinea padifoliella*, *Hüb.* 316, 1816.  
 ? *Elachista padifoliella*, *Treit. E. S.* ix. 2, 190, 1833.  
 ? *Lyonetia padifoliella*, *Bouché, Ent. Ztg.* 1847, p. 162. *Zell. L. E.* iii. 261, 1848.  
 ? *Elachista albella*, *Evers. F. V. U.* 600, 1844.

## 2, (179, 535). PHYLLOCNISTIS.

- Phyllocnistis*, *Zell. L. E.* iii. 264, 1848.  
*Opostega*, p., *Zell. Isis*, 1839, p. 214. *Dup. Cat.* 377, 1844.

## 1. PHYLLOCNISTIS SUFFUSELLA.

B. M.

- Opostega suffusella*, *Zell. Isis*, 1817, p. 894.

*Phyllocnistis suffusella*, *Zell. L. E.* iii. 266, (ii. pl. 2, f. 32), 1848. *Sta. Ent. Trans.* v. 122, 1849.

*Argyromiges suffusella*, *Sta. Zool.* 1848, p. 2274.

? *Goëze, Naturf.* xiv. 103—112, 1780.

## 2. PHYLLOCNISTIS SALIGNA.

B. M.

*Phyllocnistis saligna*, *Zell. L. E.* iii. 270, 1848. *Sta. Ent. Trans.* v. 123, 1849.

*Argyromiges saligna*, *Sta. Zool.* 1848, p. 2274.

*Argyromiges cerasifoliella*, *Sta. Zool.* 1848, p. 2158.

? *Argyromiges unipunctella*, *Step. H.* iv. 260, 1834.

? *Opostega saligna*, *Zell. Isis*, 1839, p. 214.

*Wood, I. E.* f. 1335.

## 3, (180, 536). CEMIOSTOMA.

*Cemiosoma*, *Zell. L. E.* iii. 272, 1848.

*Leucoptera*, p., *Hüb. V.* 426, 1816.

*Argyromiges*, p., *Step. H.* iv. 254, 1834.

*Opostega*, p., *Zell. Isis*, 1839, p. 214. *Dup. Cat.* 377, 1844.

## 1. CEMIOSTOMA SPARTIFOLIELLA.

B. M.

*Tinea spartifoliella*, *Hüb.* 335, 1816.

*Argyromiges spartifoliella*, *Step. H.* iv. 261, 1834. *Sta. Zool.* 1848, p. 2158.

*Elachista spartifoliella*, *Dup. L. F.* xi. 514, pl. 307, f. 8, 1838.

*Opostega spartifoliella*, *Zell. Isis*, 1839, p. 214.

*Cemiosoma spartifoliella*, *Zell. L. E.* iii. 272, (ii. pl. 2, f. 37), 1848.

*Tinea punctaurella*, *Haw. L. B.* 578, 1829.

? *Phalæna* (*Tinea*) *Harrisella*, *Linn. F. S.* 1412, 1761. *Id. S. N.* (12), 899, 459, 1767.

? *Tinea Harrisella*, *Müller, F. F.* 56, 502, 1764. *Id. Z. D. P.* 137, 1593, 1776. *Fab. S. E.* 666, 63, 1775. *Id. S. I.* ii. 305, 88, 1781. *Id. Mun.* ii. 253. 132, 1787. *Id. E. S.* iii. 2, 327, 171, 1794. *Goëze, E. B.* iii. 4, 123, 449, 1783. *Gmel. S. N.* i. 5, 2605, 449, 1788. *Vill. E. L.* ii. 493, 940, 1789. *Turt. S. N.* iii. 2, 377, 1806. *Lat. R. A.* iii. 580, *Note*, 1817.

## 2. CEMIOSTOMA LABURNELLA.

B. M.

*Cemiosoma Laburnella*, (v. *Heyd.*), *Sta. Sup. Cat.* p. 11, 1851.

## 3. CEMIOSTOMA SCITELLA.

B. M.

*Opostega scitella*, *Zell. Isis*, 1839, p. 214.

*Cemiosoma scitella*, *Zell. L. E.* iii. 278, 1848.

*Argyromiges scitella*, *Sta. Zool.* 1848, p. 2157.

*Argyromiges Clerckella*, *Step. H.* iv. 261, 1834.

*Tinea Clerckella*, *Westw. Ent. Trans.* ii. Proc. xxv. Note, 1837.

? *Tinea Clerckella*, *Fab. S. E.* 666, 66, 1775. *Id. S. I.* ii. 305, 93, 1781. *Id. E. S.* iii. 2, 329, 181, 1794. *Id. E. S. Sup.* 499, 99, 1798. *Haw. L. B.* 578, 1829.

? *Goëze, Naturf.* v. 62—72, pl. 2, f. 12—15, 1775.

## 4, (181, 537). OPOSTEGA.

*Opostega*, *Zell. L. E.* iii. 279, 1848.

*Leucoptera*, p., *Hüb. V.* 426, 1816.

*Elachista*, p., *Treit. E. S.* ix. 2, 177, 1833. *Dup. L. F.* xi. 499, 1838.

*Aphelosetia*, p., *Step. H.* iv. 287, 1834.

*Opostega*, p., *Zell. Isis.* 1839, p. 214. *Dup. Cat.* 377, 1844.

## 1. OPOSTEGA SALACIELLA.

B. M.

*Elachista salaciella*, *Treit. E. S.* ix. 2, 180, 1833. *Dup. L. F.* xi. 505, pl. 307, f. 3, 1838.

*Opostega salaciella*, *Zell. Isis*, 1839, p. 214. *Id. L. E.* iii. 280, 1848. *Sta. Ent. Trans.* v. 124, 1849.

*Wood, I. E.* f. 1417.

## 2. OPOSTEGA AURITELLA.

*Tinea auritella*, *Hüb.* 387, 1816.

*Opostega auritella*, *Zell. Isis*, 1839, p. 214. *Id. L. E.* iii. 283, 1848. *Sta. Ent. Trans.* v. 125, 1849.

## 3. OPOSTEGA CREPUSCULELLA.

B. M.

*Opostega crepusculella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 214.

*Id. L. E.* iii. 284, (ii. pl. 2, f. 41), 1848. *Sta. Ent. Trans.* v. 125, 1849.

*Aphelosetia auritella*, *Step. H.* iv. 288, 1834.

? *Cecophora crepusculella*, *Dup. L. F. Sup.* iv. 337, pl. 78, f. 5, 1842.

*Wood, I. E.* f. 1416.

## 5, (182, 538). BUCCULATRIX.

*Bucculatrix*, *Zell. L. E.* iii. 286, 1848.

*Tinea*, p., *Haw. L. B.* 561, 1829.

*Elachista*, p., *Treit. E. S.* ix. 2, 177, 1833. *Dup. L. F.* xi. 499, 1838.

*Argyromiges*, p., *Step. H.* iv. 254, 1834.

*Lyonetia*, p., *Zell. Isis*, 1839, p. 214. *Dup. Cat.* 377, 1844.

## 1. BUCCULATRIX AURIMACULELLA.

*Bucculatrix aurimaculella*, *Sta. Cat.* p. 28, 1849.

## 2. BUCCULATRIX CIDARELLA.

*Lyonetia cidarella*, (*Tischer*), *Zell. Isis*, 1839, p. 216.

*Bucculatrix cidarella*, *Zell. L. E.* iii. 287, 1848. *Sta. Cat.* p. 28, 1849. *Id. Ent. Trans.* v. 125, 1849.

## 3. BUCCULATRIX ULMELLA.

B. M.

*Bucculatrix Ulmella*, (*Mann*), *Zell. L. E.* iii. 288, 1848. *Sta. Ent. Trans.* v. 126, 1849.

*Argyromiges Sircomella*, *Sta. Zool.* 1848, p. 2162.

*Tinea cuculipennella*, var.  $\delta$ ., *Haw. L. B.* 580, 1829.

? *Tinea erythrodactyla*, *W. V.* 320, 48, 1776. *Goëze, E. B.* iii. 4, 142, 158, 1783. *Illig. (W. V.)* ii. 125, 1801.

*Wood, I. E.* f. 1331.

## 4. BUCCULATRIX VETUSTELLA.

*Bucculatrix vetustella*, (Mann), *Sta. Cat.* p. 28, 1849.

## 5. BUCCULATRIX CRATÆGI.

B. M.

*Lyonetia Cratægi*, *Zell. Isis*, 1839, p. 216.

*Bucculatrix Cratægi*, *Zell. L. E.* iii. 290, 1848.

*Elachista cratægifoliella*, *Dup. L. F. Sup.* iv. 339, pl. 78, f. 8, 1842.

*Argyromiges cratægifoliella*, *Sta. Zool.* 1848, p. 2161.

*Tinea cuculipennella*, var.  $\gamma$ ., *Haw. L. B.* 579, 1829.

*Wood, I. E.* f. 1326.

## 6. BUCCULATRIX DEMARYELLA.

*Argyromiges Demaryella*, *Sta. Zool.* 1848, p. 2157.

† *Elachista Demaryella*, *Dup. L. F.* xi. 547, pl. 309, f. 5, 1838.

## 7. BUCCULATRIX MARITIMA.

*Bucculatrix maritima*, *Sta. Sup. Cat.* p. 11, 1851.

## 8. BUCCULATRIX BOYERELLA.

B. M.

*Elachista Boyerella*, *Dup. L. F.* xi. 545, pl. 309, f. 3, 1838.

*Bucculatrix Boyerella*, *Zell. L. E.* iii. 291, (ii. pl. 2, f. 44), 1848. *Sta. Zool.* 1848, p. 2161.

*Lyonetia albedinella*, *Zell. Isis*, 1839, p. 216.

*Elachista albedinella*, *Dup. L. F. Sup.* iv. 341, pl. 78, f. 10, 1842.

*Tinea cuculipennella*, (p.), *Haw. L. B.* 579, 1829. *Step. H.* iv. 258, 1834.

## 9. BUCCULATRIX FRANGUTELLA.

B. M.

*Tinea Frangutella*, *Goëze, E. B.* iii. 4, 169, 291, 1783.

*Bucculatrix Frangulella*, *Zell. L. E.* iii. 295, 1848.

*Tinea Alnella*, *Vill. E. L.* ii. 515, 1021, 1789.

- Elachista rhamnifoliella*, *Treit. E. S.* ix. 2, 183, 1833. *F. v. R.* 10, pl. 7, 1834. *Dup. L. F.* xi. 522, pl. 307, f. 11, 1838.  
*Lyonetia rhamnifoliella*, *Zell. Isis*, 1839, p. 216, 340.  
*Argyromiges rhamnifoliella*, *Sta. Zool.* 1848, p. 2160.  
*Phalæna maculata Frangulæ*, *Retz. G. et S.* 55, 171, 1783.  
*De Geer*, i. 459, pl. 32, f. 1, 11, 1752.  
*De Geer*, ii. 1, 496, 1771.

#### 10. BUCCULATRIX HIPPOCASTANELLA.

- Elachista Hippocastanella*, *Dup. L. F.* xi. 530, pl. 306, f. 4, 1838.  
*Lyonetia Hippocastanella*, *Lienig, Isis*, 1846, p. 299.  
*Bucculatrix Hippocastanella*, *Zell. L. E.* iii. 297, 1848. *Sta. Ent. Trans.* v. 127, 1849.  
*Lyonetia Hippocastani*, *Zell. Isis*, 1839, p. 216.

#### 11. BUCCULATRIX CRISTATELLA.

- Lyonetia cristatella*, (*F. v. R.*), *Zell. Isis*, 1839, p. 214.  
*Bucculatrix cristatella*, *Zell. L. E.* iii. 300, 1848. *Sta. Ent. Trans.* v. 128, 1849. *Id. Ent. Trans.* i. n. s. *Proc.* 16, 1850.

### Fam. XIII. NEPTICULIDÆ.

*Nepticulidæ*, *Sta. I. B. Lep. Tin.* p. 295, 1854.

#### 1, (183, 539). NEPTICULA.

- Nepticula*, *Zell. L. E.* iii. 301, 1848.  
*Tinea*, p., *Haw. L. B.* 561, 1829.  
*Microsetia*, p., *Step. H.* iv. 263, 1834.  
*Lyonetia*, p., *Zell. Isis*, 1839, p. 214. *Dup. Cat.* 377, 1844.

#### 1. NEPTICULA ATRICAPITELLA.

B. M.

- Tinea atricapitella*, *Haw. L. B.* 555, 1829.  
*Microsetia atricapitella*, *Step. H.* iv. 269, 1834.

*Nepticula atricapitella*, *Sta. Cat.* p. 28, 1849. *Id. Zool.* 1853, p. 3959.

? *Lyonetia samiatella*, *Zell. Isis*, 1839, p. 215.

? *Nepticula samiatella*, ♂, *Zell. L. E.* iii. 303, 1848.

## 2. NEPTICULA RUFICAPITELLA.

B. M.

*Tinea ruficapitella*, *Haw. L. B.* 586, 1829.

*Microsetia ruficapitella*, *Step. H.* iv. 269, 1834.

*Nepticula ruficapitella*, *Sta. Cat.* p. 28, 1849. *Id. Zool.* 1853, p. 3959.

? *Lyonetia samiatella*, *Zell. Isis*, 1839, p. 215.

? *Nepticula samiatella*, ♀, *Zell. L. E.* iii. 303, 1848.

## 3. NEPTICULA ANOMALELLA.

B. M.

*Tinea anomalella*, *Goëze, E. B.* iii. 4, 168, 290, 1783.

*Nepticula anomalella*, *Sta. Zool.* 1853, p. 3959.

*Tinea Rosella*, *Schr. F. B.* ii. 139, 1890, 1802.

*Microsetia ruficapitella*, *Lewis, Ent. Mag.* i. 422, 1833.

*Phalæna grisea Rosæ*, *Retz. G. & S.* 55, 170, 1783.

*De Geer*, i. 446, pl. 30, f. 20, pl. 31, f. 13—16, 1752.

*De Geer*, ii. 1, 495, 1771.

*Goëze, Naturf.* iv. 11, xv. 37, pl. 2, f. 1—12, 1774, 1781.

## 4. NEPTICULA PYGMÆELLA.

B. M.

*Tinea pygmæella*, *Haw. L. B.* 586, 1829.

*Nepticula pygmæella*, *Sta. Zool.* 1853, p. 3958.

? *Microsetia pygmæella*, *Step. H.* iv. 269, 1834.

## 5. NEPTICULA OXYACANTHELLA.

*Nepticula Oxyacanthella*, *Sta. I. B. Lep. Tin.* p. 298, 1854.

? *Tinea violaceella*, *Haw. L. B.* 585, 1829.

? *Microsetia violaceella*, *Step. H.* iv. 269, 1834.

## 6. NEPTICULA VISCERELLA.

*Nepticula viscerella*, (*Dougl.*) *Sta. Zool.* 1853, p. 3958.



## 7. NEPTICULA CATHARTICELLA.

B. M.

*Nepticula Catharticella*, *Sta. Zool.* 1853, p. 3958.

## 8. NEPTICULA SEPTEMBRELLA.

*Nepticula Septembrella*, *Sta. Cat.* p. 29, 1849. *Id. Zool.* 1853, p. 3958.

## 9. NEPTICULA INTIMELLA.

*Nepticula intimella*, *Zell. L. E.* iii. 323, 1848. *Sta. Cat.* p. 29, 1849. *Id. Ent. Trans.* v. 134, 1849.  
*Microsetia intimella*, *Sircom, Zool.* 1848, p. 2271.

## 10. NEPTICULA HEADLEYELLA.

*Nepticula Headleyella*, *Sta. I. B. Lep. Tin.* p. 300, 1854.

## 11. NEPTICULA SUBBIMACULELLA.

B. M.

*Nepticula subbimaculella*, *Haw. L. B.* 583, 1829.  
*Microsetia subbimaculella*, *Step. H.* iv. 267, 1834.  
*Nepticula subbimaculella*, *Sta. Cat.* p. 29, 1849. *Id. Zool.* 1853, p. 3959.  
*Nepticula cursoriella*, *Zell. L. E.* iii. 326, 1848. *Sta. Ent. Trans.* v. 135, 1849.  
 ? *Tinea commatella*, *Schrank, F. B.* ii. 133, 1802.  
 ? *Microsetia nigrociliella*, *Step. H.* iv. 267, 1834.  
*Wood, I. E. f.* 1355, 1356.

## 12. NEPTICULA ARGYROPEZA.

*Lyonetia argyropeza*, *Zell. Isis*, 1839, p. 215.  
*Nepticula argyropeza*, *Zell. L. E.* iii. 320, 1848. *Sta. Ent. Trans.* v. 133, 1849.

## 13. NEPTICULA APICELLA.

B. M.

*Nepticula apicella*, *Sta. I. B. Lep. Tin.* p. 300, 1854.*Nepticula argyropeza*, *Sta. Zool.* 1850, p. 2895.*Nepticula argyropeza*, var.  $\rho$ ., *Zell. L. E.* iii. 320, 1848.

## 14. NEPTICULA TRIMACULELLA.

B. M.

*Tinea trimaculella*, *Haw. L. B.* 583, 1829.*Nepticula trimaculella*, *Sta. Cat.* p. 29, 1849.*Lyonetia rufella*, *Zell. Isis*, 1839, p. 215.*Nepticula rufella*, *Zell. L. E.* iii. 328, 1848. *Sta. Ent. Trans.* v. 137, 1849.

## 15. NEPTICULA QUINQUELLA.

B. M.

*Microsetia quinqueella*, *Bedell, Zool.* 1848, p. 1986.

## 16. NEPTICULA SERICOPEZA.

*Lyonetia sericopeza*, *Zell. Isis*, 1839, p. 215.*Nepticula sericopeza*, *Zell. L. E.* iii. 325, 1848. *Sta. Ent. Trans.* v. 135, 1849.? *Tinea Maryella*, *Dup. L. F. Sup.* iv. 464, pl. 86, f. 1, 1842.? *Nepticula Louisella*, *Sircom, Zool.* 1849. App. xlii.

## 17. NEPTICULA FLOSLACTELLA.

*Tinea floslactella*, *Haw. L. B.* 585, 1829.*Microsetia floslactella*, *Step. II.* iv. 268, 1834.? *Lyonetia hemargyrella*, *Zell. Isis*, 1839, p. 215.? *Nepticula hemargyrella*, *Zell. L. E.* iii. 323, 1848. *Sta. Ent. Trans.* v. 134, 1849.

## 18. NEPTICULA SALICIS.

B. M.

*Nepticula Salicis*, *Sta. I. B. Lep. Tin.* p. 302, 1854.

## 19. NEPTICULA MICROTHERIELLA. B. M.

*Nepticula microtheriella*, (*Wing*), *Sta. I. B. Lep. Tin.* p. 302, 1854.

## 20. NEPTICULA IGNOBILELLA. B. M.

*Nepticula ignobilella*, *Sta. Cat.* p. 29, 1849.  
? *Tinea aurella*, var.  $\beta$ ., *Haw. L. B.* 584, 1829.  
? *Microsetia posticella*, *Step. H.* iv. 268, 1834.

## 21. NEPTICULA ARGENTIPEDELLA. B. M.

*Lyonetia argentipedella*, *Zell. Isis*, 1839, p. 215.  
*Nepticula argentipedella*, *Zell. L. E.* iii. 316, 1848. *Id. Ent. Trans.* v. 132, 1849. *Id. Cat.* p. 29, 1849.  
? *Tinea mediofasciella*, *Haw. L. B.* 584, 1829.  
? *Microsetia mediofasciella*, *Step. H.* iv. 268, 1834.  
? *Elachista minimella*, *Zett. I. L.* 1011, 1840.

## 22. NEPTICULA ACETOSÆ.

*Nepticula Acetosæ*, (*Sta.*), *Shield, Zool.* 1853, p. 4153.

## 23. NEPTICULA PLAGICOLELLA. B. M.

*Nepticula plagicolella*, *Sta. I. B. Lep. Tin.* p. 303, 1854.

## 24. NEPTICULA TITYRELLA.

*Nepticula Tityrella*, (*Doubl.*), *Sta. I. B. Lep. Tin.* p. 304, 1854.

## 25. NEPTICULA MALELLA. B. M.

*Nepticula Malella*, *Sta. I. B. Lep. Tin.* p. 304, 1854.

## 26. NEPTICULA ANGULIFASCIELLA.

B. M.

*Nepticula angulifasciella*, *Sta. Cat.* p. 29, 1849.  
 ? *Nepticula Centifoliella*, *Zell. L. E.* iii. 315, 1848.

## 27. NEPTICULA GRATIOSELLA.

B. M.

*Nepticula gratiosella*, *Sta. Cat.* p. 29, 1849. *Id. Zool.* 1853, p. 3959.  
 ? *Ecophora gratiosella*, *Dup. L. F. Sup.* iv. 323, pl. 77, f. 4, 1842.

## 28. NEPTICULA MARGINICOLELLA.

*Nepticula marginicolella*, *Sta. Zool.* 1853, p. 3958.  
*Nepticula Centifoliella*, *Sta. Cat.* p. 29, 1849.  
*Tinea aurella*, var.  $\gamma$ ., *Haw. L. B.* 584, 1829.  
 ? *Lyonetia Hübnerella*, *Zell. Isis*, 1839, p. 215.  
 ? *Nepticula lemniscella*, *Zell. L. E.* iii. 313, 1848.

## 29. NEPTICULA AURELLA.

B. M.

*Tinea aurella*, *Fab. S. E.* 666, 65, 1775. *Id. S. I.* ii. 305, 92, 1781. *Id. Man.* ii. 253, 138, 1787. *Id. E. S.* iii. 2, 329, 180, 1794. *Id. E. S. Sup.* 500, 105, 1798. *Goëze, E. B.* iii. 4, 152, 211, 1783. *Gmel. S. N.* i. 5, 2605, 1269, 1788. *Vill. E. L.* ii. 503, 975, 1789. *Turt. S. N.* iii. 2, 378, 1806. *Haw. L. B.* 584, 1829.  
*Microsetia aurella*, *Step. II.* iv. 268, 1834.  
*Nepticula aurella*, *Zell. L. E.* iii. 306, 1848. *Sta. Cat.* p. 28, 1849. *Id. Ent. Trans.* v. 129, 1849. *Id. Zool.* 1853, p. 3958.  
 ? *Tinea strigilella*, *Wenner (Thun.)*, *I. S.* 7, 87, 1794.  
 ? *Lyonetia lemniscella*, *Zell. Isis*, 1839, p. 215.

## 2, (184, 540). TRIFURCULA.

*Trifurcula*, *Zell. L. E.* iii. 330, 1848.  
*Lyonetia*, p., *Zell. Isis*, 1839, p. 214.

## 1. TRIFURCULA ATRIFRONTELLA.

*Trifurcula atrifrontella*, *Sta. Sup. Cat.* p. 11, 1851.

## 2. TRIFURCULA SQUAMATELLA.

*Trifurcula squamatella*, *Sta. Cat.* p. 30, 1849.

## 3. TRIFURCULA IMMUNDELLA.

B. M.

*Lyonetia immundella*, *Zell. Isis*, 1839, p. 215, 339.

*Trifurcula immundella*, *Zell. L. E.* iii. 332, 1848. *Sta. Cat.*  
p. 30, 1849. *Id. Ent. Trans.* v. 139, 1849.

## 4. TRIFURCULA PULVEROSELLA.

*Trifurcula pulverosella*, *Sta. Cat.* p. 30, 1849.

## Sub-Div. PTEROPHORINA.

*Pterophorina*, *Sta. I. B. Lep. Tin.* p. 7, 1854.

*Pterophoridæ*, *Zell. Isis*, 1841, p. 755.

## 1, (185, 541). AGDISTIS.

*Agdistis*, *Hüb. V.* 429, 1816. *Zell. L. E.* vi. 321, 1852.

*Agdistes*, *Step. H.* iv. 370, 1835.

*Adactylus*, *Curt. B. E.* fo. 471, 1833.

*Adactyla*, *Zell. Isis*, 1841, p. 763.

*Alucita*, p., *Treit. E. S.* ix. 2, 225, 1833.

*Pterophorus*, p., *Dup. L. F.* xi. 634, 1838.

## 1. AGDISTIS BENNETII.

*Adactylus Bennetii*, *Curt. B. E.* fo. 471, 1833.

*Agdistes Bennetii*, *Step. H.* iv. 370, 1835.

*Agdistis Bennetii*, *Zell. L. E.* vi. 324, 1852.

*Pterophorus Bennetii*, *H.-S. Pt.* 1, f. 1, 1850.

*Wood, I. E.* f. 1625.

## 2, (186, 542). PTEROPHORUS.

*Pterophorus*, *Lat. H. N.* xiv. 257, 1802. *Curt. B. E.* fo. 161, 1827. *Step. H.* iv. 370, 1835. *Zell. Isis*, 1841, p. 764.

*Pterophorus*, p., *Fab. S. E.* 671, 1775. *Dup. L. F.* xi. 634, 1838.

*Alucita*, p., *Haw. L. B.* 475, 1812. *Treit. E. S.* ix. 2, 225, 1833.

*Platyptilia*, *Ampliptilia*, *Stenoptilia*, and *Aciptilia*, *Hüb. V.* 429, 430, 431, 1816.

## 1. PTEROPHORUS RHODODACTYLUS.

B. M.

*Alucita rhododactyla*, *W. V.* 146, 5, 1776. *Goëze, E. B.* iii. 4, 177, 6, 1783. *Gmel. S. N.* i. 5, 2615, 1299, 1788. *Vill. E. L.* iv. 547, 1789. *Illig. (W. V.)* ii. 130, 1801. *Turt. S. N.* iii. 2, 380, 1806. *Hüb. 8*, 1812. *Id. Larvæ*, iii. *Haw. L. B.* 478, 1812. *Schott, R. K.* 305, 1830. *Treit. E. S.* ix. 2, 228, 1833. *Id. Heulfs.* 409, 1834. *Reich. Schm.* 148, 1852.

*Pterophorus rhododactylus*, *Fab. Man.* ii. 258, 6, 1787. *Id. E. S.* iii. 2, 347, 7, 1794. *Step. H.* iv. 375, 1835. *Dup. L. F.* xi. 644, pl. 313, f. 4, 1838. *Zell. Isis*, 1841, p. 772. *Id. L. E.* vi. 326, 1852. *Bert. Lep. Bom.* 203, 1844. *Richter, Ent. Ztg.* 1850, p. 28.

? *Pterophorus rhododactylus*, *Lat. H. N.* xiv. 257, 1802. *Wood, I. E.* f. 1645.

## 2. PTEROPHORUS OCHRODACTYLUS.

B. M.

*Alucita ochrodactyla*, *Hüb.* 12, 13. *Treit. E. S.* ix. 2, 227, 1833. *Id. Heulfs.* 409, 1834. *Evers. F. V. U.* 605, 1844.

*Pterophorus ochrodactylus*, *Dup. L. F.* xi. 641, pl. 313, f. 2, 1838. *Zell. Isis*, 1841, p. 775. *Id. L. E.* vi. 327, 1852.

*Alucita pallidactyla*, *Haw. L. B.* 478, 1812.

*Pterophorus pallidactylus*, *Step. H.* iv. 375, 1835.

? *Alucita ochrodactyla*, *W. V.* 145, 1, 1776.

? *Alucita megadactyla*, *W. V.* 145, 9, 1776. *Goëze, E. B.* iii. 4, 177, 8, 1783. *Gmel. S. N.* i. 5, 2616, 1300, 1788. *Vill. E. L.* iv. 547, 1789. *Illig. (W. V.)* ii. 134, 1801.

- ? *Alucita migadactyla*, *Haw. L. B.* 478, 1812.  
 ? *Pterophorus migadactylus*, *Step. H.* iv. 375, 1835.  
*Wood, I. E.* f. 1639, 1642.

3. *PTEROPHORUS ISODACTYLUS.*

B. M.

- Pterophorus isodactylus*, *Zell. L. E.* vi. 328, 1852.  
 ? *Alucita monodactyla*, *Haw. L. B.* 476, 1812.  
 ? *Pterophorus monodactylus*, *Step. H.* iv. 373, 1835.  
*Wood, I. E.* f. 1643.

4. *PTEROPHORUS TRIGONODACTYLUS.*

B. M.

- Alucita trigonodactyla*, *Haw. L. B.* 478, 1812.  
*Pterophorus trigonodactylus*, *Step. H.* iv. 375, 1835.  
*Alucita tesseradactyla*, *Zett. I. L.* 1014, 1840.  
*Pterophorus gonodactylus*, *H.-S. Pt.* 2, f. 9, 1850. *Zell. L. E.* vi. 330, 1852.  
 ? *Alucita gonodactyla*, *W. V.* 320, 13, 1776. *Goëze, E. B.* iii. 4, 177, 11, 1783. *Illig. (W. V.)* ii. 130, 1801.  
 ? *Pterophorus didactylus*, *Ræmer, G. I.* 77, pl. 23, f. 19, 1789.  
 ? *Alucita megadactyla*, *Hüb.* 6, 1812.  
 ? *Pterophorus tesseradactylus*, *Dup. L. F.* xi. 647, pl. 313, f. 5, 1838. *Id. L. F. Sup.* iv. 500, pl. 88, f. 8, 1842.  
*Wood, I. E.* f. 1644.

5. *PTEROPHORUS ACANTHODACTYLUS.*

B. M.

- Alucita acanthodactyla*, *Hüb.* 23, 24. *Z. g. S. (Charp. W. V.)* 242, 1821.  
*Pterophorus acanthodactylus*, *Dup. L. F.* xi. 650, pl. 313, f. 6, 1838. *Zell. Isis*, 1841, p. 784. *Id. L. E.* vi. 338, 1852.  
*Alucita tesseradactyla*, *Treit. E. S.* ix. 2, 232, 1833. *Evers. F. V. U.* 605, 1844.  
*Pterophorus calodactylus*, *Step. H.* iv. 376, 1835. *Dup. L. F.* xi. 652, pl. 313, f. 9, 1838.  
 ? *Phalæna (Alucita) tesseradactyla*, *Linn. F. S.* 1454, 1761. *Id. S. N.* (12), 900, 456, 1767.  
 ? *Alucita tesseradactyla*, *Müller, F. F.* 59, 528, 1764. *Id. Z. D. P.* 138, 1611, 1776. *Goëze, E. B.* iii. 4, 173, 456, 1783. *Gmel. S. N.* i. 5, 2616, 456, 1788. *Vill. E. L.* ii. 532, 1086, 1789. *Turt. S. N.* iii. 2, 384, 1806. *Haw. L. B.* 479, 1812.

- ? *Pterophorus tesseradactylus*, *Fab. S. E.* 671, 4, 1775. *Id. S. I.* ii. 311, 4, 1781. *Step. H.* iv. 376, 1835.  
 ? *Alucita calodactyla*, *W. V.* 146, 4, 1776. *Goëze, E. B.* iii. 4, 177, 5, 1783. *Gmel. S. N.* i. 5, 2615, 1298, 1788. *Vill. E. L.* iv. 547, 1789. *Illig. (W. V.)* ii. 130, 1801. *Turt. S. N.* iii. 2, 384, 1806. *Hüb.* 7, 1812. *Id. Larvæ*, iii. *Haw. L. B.* 478, 1812.  
 ? *Pterophorus calodactylus*, *Fab. Man.* ii. 258, 4, 1787. *Id. E. S.* iii. 2, 346, 4, 1794. *Richter, Ent. Ztg.* 1850, p. 28. *Wood, I. E.* f. 1646.

6. *PTEROPHORUS PUNCTIDACTYLUS.*

B. M.

- Alucita punctidactyla*, *Haw. L. B.* 479, 1812.  
*Pterophorus punctidactylus*, *Step. H.* iv. 376, 1835.  
*Pterophorus cosmodactylus*, *H.-S. Pt.* 1, f. 4, 1850.  
*Pterophorus acanthodactylus*, var. *c.*, *Zell. L. E.* vi. 338, 1852.  
 ? *Alucita acanthodactyla*, *Treit. E. S.* ix. 2, 234, 1833. *Evers. F. V. U.* 606, 1844.  
 ? *Pterophorus cosmodactylus*, *Step. H.* iv. 377, 1835. *Wood, I. E.* f. 1647.

7. *PTEROPHORUS PARVIDACTYLUS.*

B. M.

- Alucita parvidactyla*, *Haw. L. B.* 480, 1812.  
*Pterophorus microdactylus*, *Step. H.* iv. 377, 1835.  
*Pterophorus obscurus*, *Zell. Isis*, 1841, p. 793. *Id. L. E.* vi. 354, 1852. *Dup. L. F. Sup.* iv. 502, pl. 88, f. 11, 1842.  
 ? *Pterophorus hemididactylus*, *De Selys Long. En. L. B.* 29, 1845.  
 ? *Pterophorus obscurus*, *Zell. Isis*, 1847, p. 38. *Wood, I. E.* f. 1652.

8. *PTEROPHORUS HIERACII.*

• B. M.

- Pterophorus Hieracii*, *Zell. Isis*, 1841, p. 827. *Id. L. E.* vi. 350, 1852.  
 ? *Alucita trichodactyla*, *W. V.* 145, 3, 1776. *Goëze, E. B.* iii. 4, 177, 4, 1783.  
 ? *Alucita chrysodactyla*, *W. V.* 320, 11, 1776. *Goëze, E. B.* iii. 4, 177, 9, 1783. *Illig. (W. V.)* ii. 129, 1801.  
 ? *Pterophorus tesseradactylus*, *Fab. Man.* ii. 259, 7, 1787.  
 ? *Alucita heterodactyla*, *Haw. L. B.* 479, 1812.  
 ? *Pterophorus heterodactylus*, *Step. H.* iv. 377, 1835.



## 9. PTEROPHORUS PILOSELLÆ.

B. M.

- Pterophorus Pilosellæ*, *Zell. Isis*, 1841, p. 789. *Id. L. E.* vi. 349, 1852.
- ? *Phalæna* (*Alucita*) *didactyla*, *Linn. S. N.* (10), 542, 301, 1758. *Id. F. S.* 1453, 1761. *Id. S. N.* (12), 899, 454, 1767.
- ? *Phalæna didactyla*, *Scop. F. C.* 256, 672, 1763. *Don. B. I.* ix. pl. 318, 1800.
- ? *Alucita didactyla*, *Müller, F. F.* 59, 525, 1764. *Id. Z. D. P.* 138, 1609, 1776. *W. V.* 145, 2, 1776. *Goëze, E. B.* iii. 4, 171, 454, 1783. *Gmel. S. N.* i. 5, 2615, 454, 1788. *Vill. E. L.* ii. 531, 1083, 1789. *Illig. (W. V.)* ii. 129, 1801. *Turt. S. N.* iii. 2, 384, 1806. *Haw. L. B.* 479, 1812. *Schott, R. K.* 305, 1830. *Treit. E. S.* ix. 2, 237, 1833. *Id. Heulfs.* 409, 1834. *Zett. I. L.* 1013, 1840. *Evers. F. V. U.* 607, 1844. *Reich. Schmet.* 149, 1852.
- ? *Pterophorus didactylus*, *Fab. S. E.* 671, 2, 1775. *Id. S. I.* ii. 310, 2, 1781. *Id. Mun.* ii. 258, 3, 1787. *Id. E. S.* iii. 2, 345, 3, 1794. *Rossi, F. E.* ii. 210, 1244, 1790. *Cederh. F. I.* 260, 826, 1798. *Lat. H. N.* xiv. 257, 1802. *Lam. H. N.* iii. 540, 1816. *Step. II.* iv. 377, 1835. *Dup. L. F.* xi. 654, pl. 313, f. 7, 1838. *Zell. Isis*, 1839, p. 276.
- ? *Pterophorus bidactylus*, *Walck. F. P.* ii. 323, 1802. *Wood, I. E.* f. 1650.

## 10. PTEROPHORUS PHÆODACTYLUS.

B. M.

- Alucita phæodactyla*, *Hüb.* 14, 15. *Evers. F. V. U.* 606, 1844.
- Pterophorus phæodactylus*, *Dup. L. F.* xi. 657, pl. 313, f. 10, 1838. *Zell. Isis*, 1841, p. 834. *Id. L. E.* vi. 356, 1852. *Speyer, Ent. Ztg.* 1849, p. 26.
- Alucita lunædactyla*, *Haw. L. B.* 477, 1812.
- Pterophorus lunædactylus*, *Step. H.* iv. 374, 1835. *Wood, I. E.* f. 1640.

## 11. PTEROPHORUS BIPUNCTIDACTYLUS.

B. M.

- Alucita bipunctidactyla*, *Haw. L. B.* 476, 1812.
- Pterophorus bipunctidactylus*, *Step. II.* iv. 372, 1835.
- Pterophorus zophodactylus*, *Dup. L. F.* xi. 668, pl. 314, f. 4, 1838.
- ? *Alucita mictodactyla*, *Evers. F. V. U.* 606, 1844.
- ? *Pterophorus serotinus*, *Zell. L. E.* vi. 361, 1852. *Wood, I. E.* f. 1629.

## 12. PTEROPHORUS FUSCUS.

B. M.

*Pterophorus fuscus*, *Retz. G. & S.* 35, 38, 1783. *Zell. Isis*, 1841, p. 841. *Id. L. E.* vi. 371, 1852.

*Alucita fuscodactyla*, *Vill. E. L.* ii. 535, 1091, 1789. *Haw. L. B.* 476, 1812.

*Pterophorus fuscodactylus*, *Step. H.* iv. 372, 1835.

*Alucita ptilodactyla*, *Hüb.* 16, 25. *Treit. E. S.* ix. 2, 244, 1833.

*Pterophorus ptilodactylus*, *Dup. L. F.* xi. 666, pl. 314, f. 3, 1838. *Zell. Isis*, 1839, p. 277.

*Wood, I. E.* f. 1630.

## 13. PTEROPHORUS LITHODACTYLUS.

*Alucita lithodactyla*, *Treit. E. S.* ix. 2, 245, 1833. *Evers. F. V. U.* 607, 1844.

*Pterophorus lithodactylus*, *Zell. Isis*, 1841, p. 843. *Id. L. E.* vi. 377, 1852. *H.-S. Pt.* 2, f. 10, 1850.

*Pterophorus lithoxylodactylus*, *Dup. L. F.* xi. 670, pl. 313, f. 3, 1838.

*Pterophorus similidactylus*, *Step. H.* iv. 375, 1835. *Curt. Ann. & Mag. N. H.* 2nd series, v. 120, 1851.

? *Alucita septodactyla*, *Treit. E. S.* ix. 2, 246, 1833.

## 14. PTEROPHORUS PTERODACTYLUS.

B. M.

*Phalæna (Alucita) pterodactyla*, *Linn. F. S.* 1456, 1761. *Id. S. N.* (12), 900, 458, 1767.

*Phalæna pterodactyla*, *Scop. F. C.* 257, 674, 1763.

*Alucita pterodactyla*, *Müller, F. F.* 59, 526, 1764. *Id. Z. D. P.* 138, 1613, 1776. *W. V.* 146, 6, 297, 1776. *Goëze, E. B.* iii. 4, 173, 458, 1783. *Gmel. S. N.* i. 5, 2616, 458, 1788. *Vill. E. L.* ii. 533, 1088, 1789. *Illig. (W. V.)* ii. 131, 1801. *Schr. F. B.* ii. 139, 1802, 1802. *Turt. S. N.* iii. 2, 384, 1806. *Hüb.* 4, 1812. *Hüb. Larvæ*, iii. *Haw. L. B.* 475, 1812. *Treit. E. S.* ix. 2, 242, 1833. *Id. Heulfs.* 410, 1834. *Bouché, Nat.* 133, 1834. *Evers. F. V. U.* 606, 1844. *Reich. Schm.* 149, 1852.

*Pterophorus pterodactylus*, *Fab. S. E.* 674, 5, 1775. *Id. S. I.* ii. 311, 5, 1781. *Id. Mun.* ii. 259, 8, 1787. *Id. E. S.* iii. 2, 347, 9, 1794. *Rossi, F. E.* ii. 211, 1345, 1790. *Lam. H. N.* iii. 540, 1816. *Step. H.* iv. 372, 1835. *Dup. L. F.* xi. 663, pl. 314, f. 2, 1838. *Zell. Isis*, 1838, p. 640. *Id. Isis*, 1841, p. 846. *Id. L. E.* vi. 377, 1852.

- ? *Phalæna* (*Alucita*) *monodactyla*, *Linn. S. N.* (10), 543, 300, 1758. *Id. F. S.* 1452, 1761. *Id. S. N.* (12), 899, 453, 1767.
- ? *Alucita monodactyla*, *Müller, F. F.* 59, 524, 1764. *Id. Z. D. P.* 138, 1608, 1776. *Goëze, E. B.* iii. 4, 171, 453, 1783. *Gmel. S. N.* i. 5, 2615, 453, 1788. *Vill. E. L.* ii. 530, 1083, 1789. *Turt. S. N.* iii. 2, 383, 1806.
- ? *Pterophorus monodactylus*, *Fab. S. E.* 671, 1, 1775. *Id. S. I.* ii. 310, 1, 1781. *Id. Man.* ii. 258, 1, 1787. *Id. E. S.* iii. 2, 345, 1, 1794. *Cederh. F. I.* 261, 825, 1798. *Walck. F. P.* ii. 323, 1802. *Lat. H. N.* xiv. 257, 1802.
- ? *Pterophorus pterodactylus*, *Ræmer, G. I.* 77, pl. 23, f. 20, 1789.
- ? *Pterophorus albodactylus*, *Coq. I.* pl. 7, f. 14, 1798. *Wood, I. E.* f. 1631.

15. *PTEROPHORUS TEPHRADACTYLUS.*

B. M.

- Alucita tephradactyla*, *Hüb.* 17. *Treit. E. S.* ix. 2, 246, 1833.
- Pterophorus tephradactylus*, *Zell. Isis*, 1841, p. 850. *Id. L. E.* vi. 381, 1852. *Lienig & Zell. Isis*, 1846, p. 30.
- ? *Alucita tephradactyla*, *Evers. F. V. U.* 608, 1844. *Wood, I. E.* f. 1632.

16. *PTEROPHORUS OSTEODACTYLUS.*

B. M.

- Pterophorus osteodactylus*, *Zell. Isis*, 1841, p. 850. *Id. L. E.* vi. 388, 1852. *Dup. Sup.* iv. 499, pl. 88, f. 7, 1842.
- ? *Pterophorus ochrodactylus*, *Step. H.* iv. 374, 1835.

17. *PTEROPHORUS MICRODACTYLUS.*

B. M.

- Alucita microdactyla*, *Hüb.* 26, 27. *Treit. E. S.* ix. 2, 248, 1833. *Zett. I. L.* 1013, 1840.
- Pterophorus microdactylus*, *Zell. Isis*, 1841, p. 854. *Id. L. E.* vi. 388, 1852. *Dup. L. F. Sup.* iv. 503, pl. 88, f. 12, 1842.
- ? *Pterophorus carphodactylus*, *Step. H.* iv. 374, 1835. *Wood, I. E.* f. 1633.

18. *PTEROPHORUS PALUDUM*.

B. M.

*Pterophorus paludum*, *Zell. Isis*, 1839, p. 277. *Id. Isis*, 1841, p. 866. *Id. L. E.* vi. 400, 1852.

19. *PTEROPHORUS BRACHYDACTYLUS*.

*Alucita brachydactyla*, *Treit. E. S.* ix. 2, 238, 1833.

*Pterophorus brachydactylus*, *Zell. Isis*, 1841, p. 856. *Id. L. E.* vi. 389, 1852.

*Pterophorus ætodactylus*, *Dup. L. F.* xi. 659, pl. 313, f. 8, 1838.

? *Alucita heterodactyla*, *Müller, F. F.* 59, 530, 1764. *Id. Z. D. P.* 138, 1615, 1776. *Goëze, E. B.* iii. 4, 178, 14, 1783. *Vill. E. L.* ii. 535, 1093, 1789.

20. *PTEROPHORUS GALACTODACTYLUS*.

B. M.

*Alucita galactodactyla*, *Hüb.* 2, 1812. *Haw. L. B.* 475, 1812. *Charp. (W. V.)* 177. *Z. g. S.* 241, 1821. *Treit. E. S.* ix. 2, 250, 1833. *Id. Heulfs.* 411, 1834. *Evers. F. V. U.* 609, 1844. *Reich. Schm.* 149, 1852.

*Pterophorus galactodactylus*, *Sam. Ent. Cab.* 1833. *Step. H.* iv. 371, 1835. *Dup. L. F.* xi. 674, pl. 314, f. 7, 1838. *Zell. Isis*, 1841, p. 857. *Id. L. E.* vi. 390, 1852. *H. Doubl. Entom.* 356, 1842. *Schreiber, Ent. Ztg.* 1849, p. 301.

? *Alucita galactodactyla*, *W. V.* 320, 14, 1776. *Goëze, E. B.* iii. 4, 178, 12, 1783. *Illig. (W. V.)* ii. 133, 1801.

? *Pterophorus albodactylus*, *Fab. E. S.* iii. 2, 348, 10, 1794. *Lat. H. N.* xiv. 258, 1802.

? *Alucita albodactyla*, *Turt. S. N.* iii. 2, 384, 1806. *Wood, I. E.* f. 1628.

21. *PTEROPHORUS SPILODACTYLUS*.

*Pterophorus spilodactylus*, *Curt. B. E.* fo. 161, 1827. *Step. H.* iv. 371, 1835. *Dup. L. F.* xi. 679, pl. 314, f. 9, 1838.

*Speyer, Ent. Ztg.* 1849, p. 24. *Zell. L. E.* vi. 391, 1852.

*Pterophorus obsoletus*, *Zell. Isis*, 1841, p. 859.

? *Alucita nephelodactyla*, *Evers. F. V. U.* 609, 1844. *Wood, I. E.* f. 1627.

## 22. PTEROPHORUS BALIODACTYLUS.

B. M.

*Pterophorus baliodactylus*, (*F. v. R.*), *Zell. Isis*, 1841, p. 861.

*Id. L. E.* vi. 393, 1852.

? *Pterophorus leucodactylus*, *Step. H.* iv. 374, 1835.

? *Pterophorus baliodactylus*, *Zell. Isis*, 1847, p. 39.

*Wood, I. E.* f. 1634.

## 23. PTEROPHORUS TETRADACTYLUS.

B. M.

*Phalæna* (*Alucita*) *tetradactyla*, *Linn. F. S.* 1455, 1761.

*Alucita tetradactyla*, *Treit. E. S.* ix. 2, 252, 1833. *Evers. F. V. U.* 608, 1844.

*Pterophorus tetradactylus*, *Step. H.* iv. 373, 1835. *Dup. L. F.* xi. 672, pl. 314, f. 6, 1838. *Zell. Isis*, 1841, p. 862. *Id. L. E.* vi. 394, 1852.

*Alucita leucodactyla*, *W. V.* 146, 7, 1776. *Goëze, E. B.* iii. 4, 177, 7, 1783. *Haw. L. B.* 477, 1812.

*Alucita tridactyla*, *Vill. E. L.* ii. 532, 1085, 1789.

*Pterophorus tridactylus*, *Fab. E. S.* iii. 2, 346, 6, 1794. *Step. H.* iv. 373, 1835.

? *Phalæna* (*Alucita*) *tridactyla*, *Linn. S. N.* (10), 542, 302, 1758. *Id. S. N.* (12), 899, 455, 1767.

? *Phalæna tridactyla*, *Scop. F. C.* 257, 675, 1763.

? *Pterophorus tridactylus*, *Fab. S. E.* 671, 3, 1775. *Id. S. I.* ii. 311, 5, 1781. *Id. Man.* ii. 258, 5, 1787. *Cederh. F. I.* 261, 827, 1798. *Walck. F. P.* ii. 323, 1802.

? *Alucita tridactyla*, *Goëze, E. B.* iii. 4, 172, 455, 1783. *Gmel. S. N.* i. 5, 2615, 455, 1788. *Turt. S. N.* iii. 2, 384, 1806. *Haw. L. B.* 477, 1812.

? *Phalæna* (*Alucita*) *tetradactyla*, *Linn. S. N.* (10), 542, 303, 1758. *Id. S. N.* (12), 900, 457, 1767.

? *Alucita tetradactyla*, *Müller, Z. D. P.* 138, 1612, 1776. *Goëze, E. B.* iii. 4, 173, 457, 1783. *Gmel. S. N.* i. 5, 2616, 457, 1788. *Vill. E. L.* ii. 533, 1087, 1789. *Haw. L. B.* 477, 1821.

? *Alucita leucodactyla*, *Hüb.* 5, 1812. *Id. Larvæ*, iii.

*Wood, I. E.* f. 1635, 1636.

## 24. PTEROPHORUS PENTADACTYLUS.

B. M.

*Phalæna* (*Alucita*) *pentadactyla*, *Linn. S. N.* (10), 542, 304, 1758. *Id. F. S.* 1457, 1761. *Id. S. N.* (12), 900, 459, 1767.

*Phalæna pentadactyla*, *Sulzer*, *Kennz.* 41, f. 100, 1761. *Don.* *B. I.* iv. 110, 1795.

*Alucita pentadactyla*, *Müller*, *F. F.* 59, 529, 1764. *Id. Z. D. P.* 138, 1614, 1776. *W. V.* 146, 9, 1776. *Goëze*, *E. B.* iii. 4, 174, 459, 1783. *Gesen. Encycl.* 219, 5, 1786. *Gmel. S. N.* i. 5, 2616, 459, 1788. *Vill. E. L.* ii. 533, 1089, 1789. *Schwarz*, *R. K.* 146, 136, 1791. *Illig. (W. V.)* ii. 134, 1801. *Schr. F. B.* ii. 140, 1804, 1802. *Turt. S. N.* iii. 2, 385, 1806. *Hüb.* 1, 1812. *Id. Larvæ*, iii. *Haw. L. B.* 457, 1812. *Schott*, *R. K.* 306, 1830. *Treit. E. S.* ix. 2, 249, 1833. *Id. Heulfs.* 411, 1834. *Evers. F. V. U.* 609, 1844. *Reich. Schm.* 149, 1852.

*Pterophorus pentadactylus*, *Fab. S. E.* 672, 6, 1775. *Id. S. I.* ii. 311, 6, 1781. *Id. Man.* ii. 259, 10, 1787. *Id. E. S.* iii. 2, 348, 11, 1794. *Rossi, F. E.* ii. 211, 1246, 1790. *Cederh. F. I.* 262, 828, 1798. *Walck. F. P.* ii. 324, 1802. *Lat. H. N.* xiv. 257, 1802. *Lam. H. N.* iii. 540, 1816. *Lat. R. A.* iii. 584, 1817. *Step. H.* iv. 371, 1835. *Dup. L. F.* xi. 676, pl. 314, f. 8, 1838. *Zell. Isis*, 1841, p. 862. *Id. L. E.* vi. 397, 1852. *Bert. Lep. Bon.* 204, 1844. *Lienig, Isis*, 1846, p. 301. *Wood, I. E.* f. 1626.

### Sub-Div. ALUCITINA.

*Alucitina*, *Zell. Isis*, 1841, p. 865. *Sta. I. B. Lep. Tin.* p. 8, 1854.

### 1, (187, 543). ORNEODES.

*Orneodes*, *Lat. H. N.* xiv. 258, 1802. *Treit. E. S.* ix. 2, 254 1833. *Dup. L. F.* xi. 681, 1838.

*Euchiradia*, *Hüb. V.* 431, 1816.

*Alucita*, *Step. H.* iv. 378, 1835. *Curt. B. E.* fo. 695, 1838. *Zell. Isis*, 1841, p. 867.

*Pterophorus*, p., *Fab. E. S.* 671, 1775.

*Alucita*, p., *Haw. L. B.* 475, 1812.

### 1. ORNEODES POLYDACTYLUS.

B. M.

*Alucita polydactyla*, *Hüb.* 28. *Step. H.* iv. 379, 1835. *Zell. Isis*, 1841, p. 873. *Id. L. E.* vi. 409, 1852. *Treit. Heulfs.* 412, 1834. *Richter, Ent. Ztg.* 1250, p. 28.

- Orneodes polydactylus*, *Treit. E. S.* ix. 2, 257, 1833.  
*Phalæna hexadactyla*, *Dow. B. I.* iv. 136, 1795.  
*Alucita hexadactyla*, *Step. H.* iv. 378, 1835. *Curt. B. E.* fo. 695, 1838. *Zell. Isis*, 1838, p. 641.  
*Alucita pæcilodactyla*, *Step. H.* iv. 379, 1835.  
? *Phalæna* (*Alucita*) *hexadactyla*, *Linn. S. N.* (10), 542, 305, 1758. *Id. F. S.* 1458, 1761. *Id. S. N.* (12), 900, 460, 1767. *Harris, Exp.* 13, pl. 2, f. 7, pl. 3, f. 1, 1776.  
? *Phalæna hexadactyla*, *Scop. F. C.* 258, 676, 1763.  
? *Pterophorus hexadactylus*, *Fab. S. E.* 672, 7, 1775. *Id. S. I.* ii. 312, 7, 1781. *Id. Man.* ii. 259, 11, 1787. *Id. E. S.* iii. 2, 349, 13, 1794. *Cederh. F. I.* 262, 829, 1798. *Walck. F. P.* ii. 324, 1802.  
? *Alucita hexadactyla*, *Goëze, E. B.* iii. 4, 175, 460, 1783. *Gesen. Encycl.* 229, 6, 1786. *Gmel. S. N.* i. 5, 2616, 460, 1788. *Vill. E. L.* ii. 534, 1090, 1789. *Illig. (W. V.)* ii. 134, 1801. *Turt. S. N.* iii. 2, 385, 1806. *Haw. L. B.* 480, 1812. *Reich. Schm.* 149, 1852.  
? *Orneodes hexadactylus*, *Lat. H. N.* xiv. 258, 1802. *Lam. H. N.* iii. 541, 1816. *Bouché, Natur.* 134, 1834. *Dup. L. F.* xi. 683, pl. 314, f. 10, 1838.  
*Wood, I. E.* f. 1653.

## LIST OF BOOKS QUOTED.

---

*Annals & Magazine of Natural History*, 2nd Series, vol. 5. 8vo. London. 1851.

*Bentley*, (in the *Zoologist*).

*Bericht der Schlesischen Gesellschaft*. 4to. 1849.

*Bertolini*, *Historia Lepidopterorum Agri Bononiensis*. 4to. Bononia. 1844.

*Bjerkander*, (in the *Nova Acta Holmiæ*).

*Bouché*, *Naturgeschichte der schädlichen und nützlichen Garten Insekten*. 12mo. Berlin. 1833.

*Bouché*, *Naturgeschichte der Insekten*. 8vo. Berlin. 1834.

*Brahm*, *Insekten-Kalender für Sammler und Ökonomen*. 12mo. Mainz. 1790—1791.

*Breslau Zeitschrift für Entomologie*. 12mo. Breslau. 1849, 1850.

*Bulletin de la Société Impériale des Naturalistes de Moscou*. 8vo. Moscou. (1830).

*Cederhielm*, *Faunæ Ingræ Prodrömus*. 8vo. Lipsiæ. 1798.

*Charpentier*, der Schmetterlinge der Wiener Gegend, die Zinsler, Wickler, Schaben und Geistchen; systematischen Verzeichnisses. 8vo. Braunschweig. 1821.

*Clerck*, *Icones Insectorum rariorum*. 8vo. Stockholm. 1759.

*Coquebert*, *Illustratio Iconographica Insectorum*. 4to. Paris. 1799—1804.

*Curtis' British Entomology*. 8vo. London. 1824—1838.

*Dahlbom*, (in the *Nova Acta Holmiæ*).

*De Geer*, *Mémoires pour servir à l'Histoire des Insectes*. 4to. Stockholm. 1752, 1771. (Vols. 1 & 2).

*De Selys-Longchamps*, *Énumération des Insectes Lépidoptères de la Belgique*. 8vo. 1845.



*Donovan's Natural History of British Insects.* 8vo. London. 1792—1803. (Second Edition, vols. 1 & 2, 1804).

*Doubleday, E.* (in the *Entomological Magazine*).

*Doubleday, H.* (in the *Entomologist*).

*Duponchel, Catalogue des Lépidoptères de France.* 8vo. Paris. 1844.

*Duponchel, Lépidoptères de France*, (see Godart). 8vo. Paris. Vols. 10, 11, and *Supplement*, vol. 4. 1836, 1838, 1842.

*Entomological Magazine (The).* 8vo. London. 1833—1838.

*Entomologist (The)*, edited by Newman. 8vo. London. 1840.—1842.

*Entomological Society of London, Transactions of.* Vols. 1—5. and New Series, vols. 1 & 2. 8vo. London. 1836—1853.

*Entomological Zeitung*, herausgegeben von dem Entomologischen Vereine zu Stettin. 8vo. Stettin. 1840—1853.

*Eversmann, Fauna Lepidopterologica Volgo-Uralensis.* 8vo. Casan. 1844.

*Fabricius, Systema Entomologiæ.* 8vo. Fleusburgi et Lipsiæ. 1776.

*Fabricius, Genera Insectorum.* 12mo. Chilonii. 1777.

*Fabricius, Species Insectorum.* 8vo. Hamburgi et Kilonii. (Vol. 2). 1781.

*Fabricius, Mantissa Insectorum.* 8vo. Hafniæ. (Vol. 2). 1787.

*Fabricius, Entomologia Systematica.* 8vo. Hafniæ. Vol. 3. 1794, and *Supplement*. 1798.

*Fischer von Röslerstamm, Abbildungen zur Berichtigung und Ergaenzung der Schmetterlingskunde, besonders der Micro-Lepidopterologie.* 4to. Leipzig. 1834—1843.

*Fourcroy, Entomologia Parisiensis.* 18mo. Paris. 1785.

*Freyer, Neuere Beiträge zur Schmetterlingskunde.* 4to. Augsburg. 1833—1852.

*Geoffroy, Histoire Abrégée des Insectes qui se trouvent aux Environs de Paris.* 4to. Paris. 1762.

*Germar's Magazin der Entomologie.* 8vo. Halle. 1813—1821

*Gesenius, Versuch einer Lepidopterologischen Encyclopædie, oder Handbuch für aufgehender Schmetterlings-sammler.* 12mo. Erfurt. 1786.

*Gmelin, Caroli & Linné Systema Naturæ.* 8vo. Lipsiæ. 1788. (Vol. 1, part 5).

*Godart, Lépidoptères de France.* (Continued by Duponchel). 8vo. Paris. Vol. 5. 1824.

*Goëze, Entomologische Beiträge.* 8vo. Leipzig. (Vol. 3, part 4). 1783.

*Guénéé, Index Methodicus Micro-Lepidopterorum Europæorum.* 8vo. Paris. 1845.

*Harris, Exposition of English Insects.* 4to. London. 1776.

*Herrich-Schäffer, Systematische Bearbeitung der Schmetterlinge von Europa.* 4to. Regensburg. 1848—1851.

*Hübner, Sammlung Europäischer Schmetterlinge,* 4to. Augsburg. (Vol 5). 1801—1829.

*Hübner, Geschichte Europäischer Schmetterlinge. (Larvæ).* 4to. (Vol. 3). Augsburg.

*Hübner, Verzeichniss bekannter Schmetterlinge.* 8vo. Augsburg. 1816.

*Hummel, Essais Entomologiques.* 8vo. St. Petersburg. No. 3. 1823.

*Humphreys & Westwood, British Moths.* 4to. London. Vol. 2. 1845.

*Illiger, Magazin für Insektenkunde.* 8vo. Braunschweig. 1801—1807.

*Illiger, (der Wiener Gegend, systematisches Verzeichniss von der Schmetterlingen).* 8vo. Braunschweig. (Vol. 2). 1801.

*Isis, von Oken.* 4to. Leipzig. 1838, 1839, 1841, 1846, 1847.

*Kirby & Spence, Introduction to Entomology.* 4th Edition. 8vo. London. (Vol. 1). 1822.

*Kollar, Verz. der niederösterreichischen Schmetterlinge.*

*Kollar, Loudon's Translation of Insects injurious to Gardens.* 12mo. London. 1840.

*Lamarck, Histoire Naturelle des Animaux sans Vertèbres.* 8vo. Paris. (Vol. 3). 1816.

*Laspeyres, (in Illiger's Magazine).*

*Latreille, Histoire Naturelle des Crustacés et des Insectes.* 8vo. Paris. (Vol. 14. 1802).

*Latreille, Genera Crustaceorum et Insectorum.* 8vo. Paris. 1806—1809.

*Latreille, Le Règne Animal (de Cuvier).* Vol. 3. 8vo. Paris. 1817.

*Lienig, (in Isis, 1846).*

*Linnæus, Systema Naturæ, (10).* 10th Edition. 8vo. Holmiæ. 1758.

*Linnæus, Fauna Suecica.* 2nd Edition. 8vo. Stockholmia. 1761.

- Linnæus**, *Systema Naturæ*, (12). 12th Edition. 8vo. Holmiæ. 1767.
- Linnæan Society of London**, *Transactions of*. 4to. London. (Vol. 1. 1791).
- Linnæa Entomologica** Zeitschrift herausgegeben von dem Entomologischen Vereine in Stettin. 8vo. Berlin, Posen, and Bromberg. 1846—1853.
- Mayer**, *Sammlung Physicalische Aufsätze*. 8vo. Dresden. 1794.
- Müller**, *Fauna Insectorum Fridrichsdalina*. 8vo. Hafniæ et Lipsiæ. 1764.
- Müller**, *Zoologiæ Daniæ Prodromus*. 8vo. Hafniæ. 1776.
- Naturforscher**, (Der). 8vo. Halle. 1774—1804.
- (*Nova Acta Holmiæ*), *Nya Handlingar Kongl. Vetenskaps Aca-*  
*demiens*. 8vo. Stockholm. 1780—1850.
- Ochsenheimer**, von *Europa, die Schmetterlinge*, (continued by Treitschke). 8vo. Leipzig. (Vol. 4. 1816).
- Panzer**, *Fauna Insectorum Germaniæ*. 12mo
- Ratzeburg**, die *Forst-Insecten*. 4to. Berlin. (Vol. 2. 1840).
- Ratzeburg**, die *Waldverderber und ihre Feinde*. 8vo. Berlin. 1850.
- Reichenbach**, *Der Schmetterlingsfreund*. 8vo. Leipzig. 1852.
- Retzius**, *Genera et Species Insectorum*. 8vo. Lipsiæ. 1783.
- Roemer**, *Genera Insectorum Linnæi et Fabricii*. 4to. Vitoduri Helvetorum. 1789.
- Rossi**, *Fauna Etrusca*. 4to. Liburni. 1790.
- Samouelle**, *The Entomological Cabinet*. 12mo. London. 1833 1834.
- Schläger**, *Berichte des Lepidopterologischen Tausch-Vereines*. 8vo. Jena. 1842—1847.
- Schlesische für Schmetterlinge**, *Tausch-Bericht*. 4to. 1840—1845.
- Schott**, *Raupen Kalender*. 8vo. Frankfurt am Main. 1830.
- Schränk**, *Fauna Boica*. 8vo. (Vol. 2. Ingolstadt. 1801).
- Schwarz**, *Neuer Raupen Kalender*. 8vo. Nürnberg. 1791.
- Scriba**, *Beiträge zu der Insekten Geschichte*. 4to. Frankfurt. 1790—1793.
- Scopoli**, *Entomologia Carniolica*. 8vo. Vindobonæ. 1763.
- Stainton**, *Catalogue of British Tineidæ and Pterophoridæ*. 8vo. London. 1849.
- Stainton**, *Supplementary Catalogue of British Tineidæ and Pterophoridæ*. 8vo. London. 1851.

- Stainton, Insecta Britannica; Lepidoptera Tineina.* 8vo. London. 1864, (in the press).
- Standfuss*, (in the *Breslau Zeitschrift für Entomologie*).
- Stephens' Illustrations of British Entomology; Haustellata.* 8vo. London. (Vol. 4. 1834—1835).
- Sulzer, Abgekürzte Geschichte der Insecten.* 4to. Winterthur. 1776.
- Sulzer, die Kennzeichen der Insecten.* 4to. Zurich. 1761.
- Tengström, Bidrag till Finlands Fjäril Fauna.* 4to. 1847.
- Thunberg, Insecta Suecica.* 4to. Upsaliæ. 1784—1794.
- Thunberg, Museum Naturalium Academiæ Upsaliensis.* 4to. Upsaliæ. (Part 6. 1788).
- Treitschke, von Europa, die Schmetterlinge*, (see *Ochsenheimer*). 8vo. Leipzig. (Vols. 9 & 10, Part 3, 1832, 1833 & 1835).
- Treitschke, Heulfsbuch für Schmetterlingsammler.* 8vo. Wien. 1834.
- Turton, a General System of Nature*, by Linné. 8vo. London. (Vol. 3, Part 2. 1806).
- Van der Hæven, Handbuch der Zoologie.* 8vo. Leipzig. 1850.
- Villers, Entomologiæ Faunæ Suecicæ descriptionibus aucta, Caroli Linnæi.* 8vo. Lugduni. 1789.
- Walckenaer, Faune Parisienne; Insectes.* 8vo. Paris. 1802.
- Wienergegend, Systematisches Verzeichniss der Schmetterlinge der.* 4to. Wien. 1776.
- Wood, Index Entomologicus.* 8vo. London. 1839.
- Zeller*, (in the *Isis*, 1838, 1839, 1841, 1846, 1847, and in the *Linnæa Entomologica*).
- Zetterstedt, Insecta Lapponica.* 4to. Lipsiæ. 1840.
- Zincken genannt Sommer*, (in *Charpentier, Wiener Verzeichniss*, and in *Germar's Magazin*).
- Zoologist, The*, edited by Newman. 8vo. London. 1843—1853.

■

■

# INDEX.

## A.

- abalienella*, Adela, 16  
*abdominalis*, Argyr. 111  
*abruptella*, Elach. 147  
*acanthodactyla*, Alucita, 174  
*acanthodactylus*, Pteroph. 174, 175  
*Acades*, 8  
*Acerella*, Scardia, 11  
*acerfoliella*, Argyrom. 161  
*acerifoliella*, Lithoc. 157  
*acornella*, Elach. 157  
*Acetosæ*, Nept. 170  
*acinacidella*, Tinea, 52  
*Acipitila*, 173  
*Acropsia*, 66  
*Acrolepia*, 103  
*acuminatella*, Gelechia, 71  
*Adactyla*, 172  
*Adactylus*, 172  
*Adela*, 10, 27  
*adscitella*, Elach. 148  
*adspersella*, Hæmylis, 61  
*Æchmia*, 105, 106  
*Æchmiella*, Elach. 106  
*Ædia*, 40  
*æmulella*, Tinea, 95  
*æneella*, Adela, 31, 104  
*æratella*, Ayschna, 142  
*ærosellus*, Nemot. 32  
*æstivella*, Gelechia, 86  
*Æthiops*, Gelechia, 75  
*ætodactylus*, Pteroph. 179  
*affinis*, Gelechia, 72  
*Agdistes*, 172  
*Agdistis*, 172  
*Agonioteryx*, 52  
*Ailijella*, Tinea, 105  
*alabastrella*, Tinea, 150  
*Alabonia*, 92  
*alacella*, Gelechia, 70  
*alaudella*, Elach. 121  
*alaudellum*, Corisæum, 122  
*albedinella*, Lyonet. 163  
*albella*, Elach. 161  
*"*, Tinea, 149  
*albiceps*, Gelechia, 79  
*albicosta*, Coleoph. 127  
*albicostella*, Adela, 104  
*albidana*, Phal. 61  
*albidella*, Hæmylis, 58  
*albifrontella*, Elach. 144  
*albimaculea*, Recurv. 96  
*albinella*, Elach. 147  
*albipuncta*, Depr. 63  
*albipunctella*, Depr. 63  
*"*, Tinea, 13  
*albistria*, Argyr. 110  
*albistrigella*, Harpa. 81  
*albitarsella*, Coleoph. 131  
*alboingulella*, Lita, 79  
*albodactyla*, Alucita, 179  
*albodactylus*, Pteroph. 178, 179  
*Alcyonipennella*, Coleoph. 125  
*aleella*, Anac. 79  
*"*, Gelechia, 78  
*Allionella*, Micropt. 23  
*"*, Tinea, 23  
*Allisella*, Ex. 55  
*Alnella*, Tinea, 165  
*Alniella*, Lithoc. 156  
*alnifoliella*, Argyrom. 159  
*"*, Lithoc. 156  
*alpella*, Cerastoma, 48  
*alpinella*, Elach. 145  
*alpinus*, Ypsol. 49  
*Alstræmerella*, Agnapt. 58  
*Alstræmeriana*, Depress. 58  
*Alstræmeri*, Depress. 58  
*alterna*, Recurv. 78  
*alternella*, Tinea, 78  
*alticolella*, 11, 22, 130  
*Alucita*, 11, 22, 45  
*alucitella*, Tinea, 135  
*Alucitina*, 181  
*Amaurosetia*, 84, 96  
*amentella*, Micropt. 24  
*ammanella*, Adela, 23  
*"*, Tinea, 23  
*Amphiptilia*, 173  
*Amyotella*, Lithoc. 152  
*Anacamptis*, 65, 66  
*Anadetia*, 45  
*Anarsia*, 88  
*anastomosis*, Gracill. 119  
*anatipennella*, Cacoph. 127  
*anatipennis*, Porrect. 127  
*Andereggella*, Argyr. 111  
*Anderschella*, Adela, 23  
*"*, Micropt. 23  
*"*, Tinea, 23  
*Anesychia*, 39  
*Angelicella*, Depress. 60  
*Anglicella*, Ornix, 123  
*angulifasciella*, Nept. 171  
*angusticostella*, Tinea, 16  
*angustipennella*, Chrysoc. 143  
*"*, Tinea, 134  
*annulatella*, Coleoph. 130  
*"*, Plutella, 44  
*annulicornis*, Anac. 80  
*annulifera*, Tinea, 94  
*anomalella*, Nept. 167  
*anseripennella*, Tinea, 131  
*antennella*, Ypsol. 49  
*Anthyllidella*, Gelechia, 82  
*Anybia*, 141  
*Aphelesetia*, 85, 107  
*apicella*, Nept. 169  
*"*, Depr. 64  
*"*, Swamm. 34  
*apicipunctella*, Elach. 144  
*apicistrigella*, Lita, 78  
*apiella*, Tinea, 64  
*apiosa*, Depr. 63  
*Apista*, 124  
*appiana*, Depress. 61  
*aplanella*, Tinea, 61  
*Aplota*, 89  
*arcella*, Tinea, 10  
*arceuthina*, Argyr. 114  
*arcuatella*, Tinea, 11  
*ardæpennella*, Ornix, 120  
*ardeliella*, Tinea, 66  
*arenella*, Depress. 57  
*argentella*, Argyr. 115  
*"*, Phal. 149  
*argentimaculella*, Tinea, 17  
*argentipedella*, Nept. 170  
*argentipennella*, Ornix, 126

argentipunctella, Argyro.  
121  
argentina, Coleoph. 130  
Argyresthia, 34, 108  
argyrodactyla, Tinea, 161  
Argyromides, 121  
argyropennella, Ornix, 131  
argyropeza, Nept. 168, 169  
Argyrosetia, 108  
arsella, Elach. 161  
arietella, Ecoph. 98  
Artemisiella, Gelechia, 72  
aruncella, Micropt. 22  
aspera, Recurv. 74  
asperella, Cerostoma, 50  
asperellus, Ypsol. 50  
Assimilella, Depress. 56  
Astryages, 101, 132  
Asychna, 142  
atomella, Depress. 57  
atra, Leverna, 139  
atrella, Amaur. 106  
" Gelechia, 83  
" Lamp. 6  
atricapitella, Nept. 166  
atricomella, Elach. 145  
atrifrontella, Trif. 172  
atriplicella, Gelechia, 77  
atropunctella, Chalybe, 42  
augusta, Recurv. 96  
augustella, Ecoph. 96  
aureatella, Tinea, 23  
aurella, Nept. 171  
" Tinea, 170, 171  
aurifrontella, Tinea, 140  
aurimaculella, Buccul.  
161  
auripulverella, Adela, 24  
auritella, Aphel. 164  
" Opost. 163  
aurivittella, Tinea, 113  
aurofinitella, Elach. 34  
auroguttella, Gracill. 120  
auropunctella, Tinea, 21  
auropurpurella, Tinea, 25  
aurentella, Argyr. 114  
Autoses, 8  
autumnalis, Ypsol. 3  
autumnella, Argyr. 161  
autumnitella, Acrol. 103  
Avellanella, Ornix, 122  
" Semiosco. 53  
" Tinea, 158  
axiella, Tinea, 73

## B.

badia, Depr. 63  
badiella, Depr. 64  
badipennella, Coleop. 133  
baidodactylus, Pterop. 180  
barbatella, Phal. 33  
basajis, Gelechia, 67

basanella, Gelechia, 73  
Batrachedra, 135  
Bedellia, 134  
Bedellella, Elach. 146  
Begrandella, Gracill. 97  
Bennetii, Agdistes, 172  
Betula, Ornix, 123  
Betulea, Recurv. 69  
betulella, Acrol. 103  
Betulinella, Tinea, 99  
biatomella, Aphelos. 148  
bicingulata, Plutella, 45  
bicolorella, Ypon. 78  
bicostella, Pleurota, 91  
bicostellus, Ypsol. 92  
bicristata, Oherophylli  
Phal. 137  
bifasciatus, Ypsol. 48  
bifasciella, Anac. 99  
" Tinea, 18  
bifissella, Tinea, 50  
bifractella, Gelechia, 81  
bimaculella, Chrysoc. 140  
binotapennella, Coleoph.  
126  
binotatella, Coleoph. 126  
bipunctella, Anesychia, 40  
" Elach. 148  
" Incurv. 17  
bipunctidactyla, Alucita,  
176  
bipunctidactylus, Pteroph.  
176  
Birdella, Lepid. 7  
" Ochs. 7  
biselliella, Tinea, 15  
Bisontella, Ochs. 7  
bistrigella, Tinea, 16  
bisulcella, Elach. 147  
Blancardella, Argyrom.  
155  
" Tinea, 153  
Blanchardella, Elach. 154  
blandella, Gelechia, 76  
Blattaria, Recurv. 75  
blattariella, Tinea, 68  
Bluntii, Depr. 62  
Bohemianella, Adela, 10  
Boicella, Hæmylia, 61  
Boleti, Euploc. 8  
boreella, Gelechia, 72  
Borkhausenia, 95  
Boyerella, Buccul. 165  
brachydactyla, Alucita, 179  
brachydactylus, Pteroph.  
179  
bracteella, Tinea, 32  
bractella, Tinea, 95  
Brizella, Gelechia, 85  
Brockeella, Argyr. 113  
Brongniardella, Tinea, 121  
Brongniardellum, Corisc.  
121

Brunnichella, Elach. 144  
Bucculatrix, 164  
Butalis, 100

## C.

cæsia, Erminea, 35  
cæsiella, Ecophora, 110  
" Tinea, 34, 35  
cæspititiella, Coleoph. 130  
cagnagella, Tinea, 38  
Caledoniella, Lithoc. 156  
Callisto, 104  
calodactyla, Alucita, 175  
calodactylus, Pteroph. 174  
Caloptilia, 116  
Calotripis, 116  
Calthella, Alucita, 22, 28  
" Erioc. 22  
" Micropt. 21  
cancellata, Tinea, 55  
cantella, Gelechia, 68  
Capillaria, 4  
capitella, Incurv. 21  
" Lampros. 10, 21  
" Phal. 21  
" Tinea, 21  
Capræella, Lithoc. 154  
caprella, Depress. 59  
capreolella, Depress. 59  
Caprifolii, Phal. 52  
caprimulgella, Tinea, 13  
carbonella, Tinea, 47  
Carcina, 54  
Carduella, Depress. 60  
Carlinella, Parasia, 87  
carphodactylus, Pteroph.  
178  
carpinicolella, Lithol. 154  
Carteri, Nemoph. 26  
Catharticolla, Nept. 168  
caudella, Alucita, 50  
" Theristis, 52  
Caulobius, 53  
cavella, Argyrom. 154  
Cedestis, 114  
celerella, Gelechia, 76  
cembrella, Tal. 5  
Cemiostoma, 162  
centifoliella, Nept. 171  
cerarsifoliella, Argyrom.  
162  
cerasiella, Tinea, 35  
cerasifoliella, Tinea, 160  
Cerealella, Gelechia, 83  
Cerefolii, Phal. 61  
Cerotoma, 43, 45  
cerusella, Elach. 148  
cerussella, Elach. 148  
Charaphylla, Tinea.  
137

Chærophyllellus, Chaul.  
137

Chærophylli, Depr. 63

Chætochilus, 45

Chalybe, 42

characterella, Tinea, 54,  
60

characterosa, Depr. 62

Chauliodus, 136

Chimabacche, 3

Chheimaphasia, 1

Chheimonophila, 2

Chelaria, 87

Chenopodiella, Butalis,  
101

Lep. 7

Choragella, Tinea, 8

Christiannana, Hyperc. 93

Christiannella, Tinea, 93

chrysitella, Adela, 104

Chrysocolista, 139

Chrysocrocy, 142

chrysodactyla, Aluci. 175

Chrysosethia, 151

Cicadella, Butalis, 101

cicatricella, Adela, 24

Cicutella, Tinea, 61

ciderella, Buccul. 164

ciliella, Depress. 61

cinctella, Harpagus, 82

Phal. 81

cinerea, Gracill. 122

Recurvaria, 66

cinerella, Gelechia, 66

cinereopunctella, Elach.  
145

cinifonella, Depress. 59

Cirsiella, Gelechia, 72

citrinalis, Phal. 93

citrinella, Ornix, 122

citrinellum, Corisci. 122

Clairvilleella, Tinea, 50

clandestinella, Tinea, 138

clarella, Palpula, 89

Clematea, Recurv. 11

Clematella, Telea, 11

Cleodora, 66, 87

Clerckella, Argyrom. 163

Lyon. 160

cloacea, Tinea, 13

cloacella, Tinea, 12, 13

Cochleophasia, 4

Cochylidella, Tinea, 43

cœnobitella, Tinea, 42

cognatella, Herebeia, 106

Ypon. 38

cognatellus, Ypon. 38

Coleophora, 124

collarella, Hamylis, 62

collitella, Elach. 149

comella, Phal. 108

commatella, Tinea, 168

comparella, Lithoc. 160

complanella, Fisch. 150

compta, Erminea, 34

comptella, Tinea, 34

compunctella, Tinea, 35

concinella, Tinea, 12

congelatella, Tinea, 2

conjugella, Argyr. 110

connexella, Argyrom. 154

conscripta, Chelaria, 88

conscriptella, Tinea, 88

consortella, Elach. 146

conspicuellla, Coleoph. 126

conterminella, Depress. 59

contigua, Recurv. 76

coraciopennella, Coleoph.  
132

coraciopennis, Porr. 132

Coriscium, 121

Cornella, Ecoph. 111

Tinea, 112

cornutella, Tinea, 94

Coronillella, Gelechia, 82

corticella, Tinea, 12, 19

Coryli, Lithoc. 153

corylifoliella, Lithoc. 155

costella, Cerost. 47

Gelechia, 76

Tinea, 48

costellus, Ypsol. 48

cosmodactylus, Pteroph.  
175

Cosmopteryx, 135

costosa, Depress. 56

Cratagella, Scyth. 35

Tinea, 35

Cratægi, Buccul. 165

cratægifoliella, Elach. 165

Crambus, 92

Cramerella, Lithoc. 157

Tinea, 156

Crasella, Tinea, 30

crassicornella, Tinea, 95

crassicornis, Tinea, 95

crepusculella, Opost. 164

crinella, Tinea, 16

crinitella, Adela, 31

Tinea, 14

cristatella, Lyonetia, 166

crocogrammos, Coleoph.

129

Cruciferarum, Plutella, 93

oculipennella, Tinea, 122,

164, 165

oculipennellum, Corisc.

122

cultrea, Palparia, 51

cultrella, Tinea, 52

cuneatella, Gelechia, 70

cuprea, Capill. 32

cuprella, Adela, 31, 32

Tinea, 32

cupriacella, Tinea, 33

cupriacellus, Nemet. 33

currucipennella, Coleoph.  
128

Curtisella, Elach. 121

Phal. 42

Curtisellus, Prays, 42

Curtisii, Erminea, 42

cursoriella, Nept. 168

curva, Erminea, 111

curvella, Ecoph. 109

Phal. 111

curvipunctosa, Depress. 59

Cydoniella, Tinea, 153

cygnella, Adela, 149

cyguipennella, Elach. 149

cyguipennis, Porr. 149

cylindrea, Gracill. 101

cylindrella, Astryages, 101

Tinea, 134

cylindricus, Ypsol. 134

cypricella, Adela, 133

## D.

Dalella, Plutella, 45

Damophila, 124

Dasycera, 94

Dasycerus, 94

Dasytoma, 2

Daucella, Tinea, 64

deauratella, Coleoph. 125

Debornella, Tinea, 30

decomgutella, Anesychia,  
41

decimella, Argyr. 114

decorella, Anac. 139

Tinea, 74

deflexella, Lithoc. 154

Degeerella, Adela, 29

Phal. 30

Degeerii, Capill. 30

Demaryella, Buccul. 165

dentata, Alucita, 51

dentatus, Ypsol. 51

dentella, Alucita, 51

Æchmia, 106

dentellus, Ypsol. 51

depressana, Depr. 62

Depressaria, 55

depressella, Depr. 62

depunctella, Tinea, 56

desertella, Gelechia, 71

desideratella, Æchmia, 106

destructor, Tinea, 16

Devoniella, Ornix, 122

diaphanella, Gelechia, 66

Diapthirus, 8

didactyla, Phal. 176

didactylus, Pteroph. 174,  
176



diffinis, Gelechia, 70  
 dilectella, Argyr. 111  
 dilorella, Tinea, 16  
 Diplodoma, 6  
 discordella, Coleoph. 128  
 dispilella, Elach. 148  
 dissimilella, Lita, 70  
 distinctella, Gelechia, 75  
 divisella, Gelechia, 69  
 dodecea, Erminea, 41  
 " Recurv. 80  
 dodicella, Gelechia, 80  
 domestica, Gelechia, 73  
 domesticella, Phal. 100  
 Donzelella, Adela, 26  
 Dormoyella, Diurnea, 4  
 Douglasella, Depr. 66  
 Douglasia, 107  
 Douglasit, Sol. 6  
 Drurilla, Cosmopt. 135  
 Druryella, Cosmopt. 135  
 Dumeriella, Adela, 33  
 Dunningiella, Lithoc. 158  
 duodecim-cristata, Phal. 80  
 Durdhamellus, Ypsol. 90

## E.

Echiella, Tinea, 40  
 Edera, 138  
 Eidophasia, 43  
 Elachista, 34, 106, 121  
 elatella, Lithoc. 152  
 Eleochariella, Elach. 148  
 elongatus, Ypsol. 118  
 elongella, Gracill. 118  
 " Tinea, 78  
 emberizipennella, Lithoc. 158  
 emeritella, Depr. 63  
 emortuella, Tinea, 12  
 Emyella, Elach. 160  
 Endrosia, 8, 99  
 Enicostoma, 54, 92  
 ephippella, Argyr. 101  
 ephippium, Ypsol. 108  
 Epigraphia, 53  
 Epilobiella, Laverna, 138  
 Epityphia, 32  
 equitella, Echmia, 106  
 " Glyphis. 106  
 ericetella, Gelechia, 69  
 ericinella, Gelechia, 65  
 Ericcephala, 21  
 Erminea, 34  
 ermineus, Ypsol. 48  
 erythroductyla, Tinea, 164  
 Erziebella, Roslers. 104  
 Erziebeniella, Roslers. 104  
 Euchiradia, 181  
 Eupista, 124

Euplocamus, 7  
 Eusplapteryx, 190  
 evonymella, Phal. 38  
 " Tinea, 39  
 Evonymellus, Hyp. 38  
 " Ypon. 39  
 Evonymi, Hyp. 38  
 Exeretia, 55  
 Exapate, 1  
 exiquella, Micros. 145  
 eximia, Gracill. 135  
 eximiella, Micropt. 22

## F.

Fabriciella, Coleoph. 124  
 Faganella, Lampros. 55  
 Fagana, Tort. 55  
 fagella, Chimab. 4  
 fagetella, Argyr. 110  
 fagi, Crambus, 4  
 fagifoliella, Lithoc. 154  
 faginella, Lithoc. 154  
 falcetella, Phal. 51  
 falcella, Harp. 49  
 falciformis, Recurv. 137  
 falconipennella, Gracill. 118  
 Falleniellus, Ypsol. 44  
 farinatella, Cedestis, 114  
 fascia, Capill. 33  
 fasciapennella, Zelleria, 115  
 fasciata, Sphinx, 29  
 fasciculellus, Lophonotus, 187  
 fasciella, Alucita, 33  
 " Rhinosia, 89  
 fasciellus, Nemot. 33  
 " Ypsol. 89  
 fastuosella, Micropt. 24, 25  
 favillatella, Gelechia, 60  
 fenestrella, Eudrosia, 99  
 ferruginella, Tinea, 9  
 festaliella, 143  
 Fibulella, Adela, 28  
 Fischeriella, Echmia, 106  
 fissella, Rhinosia, 48  
 " Tinea, 47  
 fissellus, Chel. 47  
 fissus, Ypsol. 47  
 flavescantella, Tinea, 15  
 flavicaput, Chrys. 140  
 flavifrontella, Ecoph. 98  
 " Tinea, 16  
 flavimaculella, Ecoph. 96  
 flavimitrella, Incurv. 18  
 flavipunctella, Tinea, 18  
 flosactella, Nept. 169  
 flosactis, Porr. 149

Fonscolombella, Elach. 161  
 formosella, Ecoph. 97  
 Forsterella, Heribeta, 105, 106  
 Frankella, Tinea, 116  
 Frangula, Phal. 166  
 Frangutella, Buccul. 165  
 fraternella, Gelechia, 76  
 Fraxinella, Tinea, 42  
 fringilella; Ornix, 119  
 Frischella, Adela, 28, 32  
 " Coleoph. 125  
 " Phal. 28  
 " Tinea, 31, 32, 124

Frischii, Capill. 28  
 Frollichiella, Lithoc. 158  
 Fuelella, Tinea, 105  
 Fueslii, Gracill. 105  
 fugitivella, Gelechia, 75  
 fulvella, Rhinosia, 47  
 fulvescens, Aphel. 150  
 " Recurv. 138  
 fulvimitrella, Tinea, 9  
 fulvimitrellus, Eupl. 69  
 fumatella, Gelechia, 69  
 fumosella, Gelechia, 75  
 funerea, Erminea, 41  
 funerella, Anesychia, 41  
 funestella, Lita, 96  
 Fungella, Tinea, 8  
 fuscadinella, Coleoph. 132  
 fuscella, Phal. 14  
 fuscescens, Ecoph. 98  
 fuscifrontella, Ecoph. 101  
 fuscipunctella, Tinea, 14  
 fusco-anea, Butalis, 100  
 fusco-aurella, Tinea, 98  
 fusco-ciliella, Asych. 142  
 fusco-cuprea, Butalis, 101  
 fusco-cuprella, Tinea, 104  
 fusco-dactyla, Alucita, 177  
 fusco-dactylus, Pteroph. 177  
 fusco-iridella, Tinea, 104  
 fuscus, Pteroph. 177  
 Fyesilla, Tinea, 105

## G.

galactitella, Ecoph. 115  
 galactodactyla, Alucita, 479  
 galactodactylus, Pteroph. 177  
 Galbanella, Gelechia, 72  
 gallinella, Lita, 69  
 gallipennella, Porrect. 128  
 gallipennis, Porrect. 128  
 gangabella, Elach. 147  
 ganomella, Tinea, 15

Geofella, Tinea, 30  
 gelata, Diurna, 2  
 gelatana, Tort. 2  
 gelatella, Exapat, 2  
 Gelechia, 65  
 Gelechiidae, 52  
 gemmella, Gelechia, 83  
 Genista, Anarsia, 86  
 Genistella, Tinea, 91  
 Geoffrella, Harp. 92  
 Geoffroyella, Tinea, 92  
 Geoffroyi, Recurv. 92  
 gerronella, Gelechia, 67  
 gibbiferella, Elach. 138  
 gibbosella, Psoricopt. 65  
 gilvella, Tinea, 58  
 glivosa, Depress. 58  
 glaucinella, Argyr. 111  
 Glischella, Tinea, 144  
 Gletschenella, Elach. 144  
 Glyphipteryx, 101, 104  
 Glyphypteryx, 85  
 Godartella, Argyr. 112  
 gonodactyla, Alucita, 174  
 gonodactylus, Pteroph. 174  
 Gracillaria, 97, 101, 116  
 grandis, Cecoph. 97  
 Granella, Alucita, 13  
 " Tinea, 12, 13  
 grandipennis, Butalis, 100  
 grantella, Acrol. 103  
 granulocella, Depr. 62  
 graticella, Cecoph. 171  
 grisea Rosæ, Phal. 167  
 griseo-capitella, Swamm.  
 35  
 gryphipennella, Coleoph.  
 132  
 " Porr. 115  
 guttea, Gracill. 123  
 guttella, Tinea, 145  
 guttifera, Recurv. 146  
 guttifera, Cecoph. 124  
 Gysselella, Cecoph. 115  
 Gysselella, Cecestis, 115

## H.

Hæmylis, 53, 54, 55  
 hamella, Tinea, 51  
 Haploptilia, 124  
 hapsella, Coleoph. 126  
 harnatus, Ypsol. 51  
 harpella, Tinea, 51  
 Harpella, 92  
 Harpipterix, 45  
 Harpipterix, 91  
 Harrisella, Phal. 162  
 " Tinea, 165  
 Hattorfella, Tinea, 92  
 Hauberella, Tinea, 149

Haworthana, Glyphipt.  
 105  
 Headleyella, Nept. 168  
 Heegeriella, Lithoc. 167  
 Heleniella, Hoslars. 103  
 Helioides, 141  
 Hellerella, Alucita, 139  
 Hellwigella, Lamp. 23  
 " Tinea, 50  
 hemargyrella, Lyonetia,  
 169  
 hemedactylella, Tinea, 117  
 hemedactylus, Ypsol. 117  
 hemerobiella, Coleoph. 131  
 hemidactyla, Gracill. 119  
 hemidactylla, Gracill. 117  
 hepariella, Zelleria, 115  
 herminata, Tinea, 6  
 Heracleana, Hæmylis, 65  
 " Pyralis, 63  
 Heraclei, Phal. 65  
 Heraclella, Tinea, 63  
 Heracliana, Depr. 64  
 Heracliella, Hæmylis, 58  
 Heribea, 105  
 Hermannella, Gelechia,  
 84  
 Heroldella, Tinea, 34  
 Hesperidella, Tinea, 44  
 Hesperidia, Phal. 44  
 heterodactyla, Alucita, 175,  
 179  
 heterodactylus, Pteroph.  
 175  
 hexadactyla, Phal. 182  
 hexadactylus, Pteroph. 182  
 Heydenii, Lithoc. 169  
 Hieracii, Pteroph. 176  
 hliarella, Elach. 155  
 hilaripennella, Ornix, 116  
 Hippocustanella, Buccul.  
 166  
 Hippocastani, Lyonetia,  
 166  
 Hippophacæa, Tinea, 67  
 histriionella, Tinea, 70  
 Hochenwartiella, Tinea,  
 41  
 Holdenella, Elach. 145  
 Hordei, Tinea, 63  
 horridella, Ceroatoma, 49  
 hortella, Lithoc. 151  
 horticola, Plutella, 45  
 hortnella, Anac. 68  
 Hubnerella, Chelonia, 88  
 " Lyon. 171  
 Hubneri, Gelechia, 77  
 humeralis, Gelechia, 74  
 humerella, Sophronia, 91  
 " Heribea, 105  
 Hypercallia, 93  
 Hypericella, Depress. 59

Hyponomeuta, 36  
 Hypsophia, 45

## I.

icterella, Ornix, 127  
 ignobilis, Nept. 170  
 ilicifoliella, Argyr. 104  
 Illigerella, Tinea, 157  
 Illigerellus, Chauli. 137  
 imella, Tinea, 8  
 immaculana, Depress. 58  
 immaculatella, Gelechia,  
 82  
 immaculicornella, Plutal.  
 45  
 immundella, Trif. 173  
 imperialella, Gracill. 121  
 incongruella, Butalis, 101  
 inconspicua, Sol. 5  
 inconstans, Gracill. 119  
 Incurvaria, 19  
 inopella, Gelechia, 65  
 insecurellus, Chauli. 137  
 insignipennella, Zelleria,  
 115  
 inspersella, Cecoph. 101  
 instabilella, Gelechia, 77  
 intermediella, Depress. 57  
 internella, Gelechia, 66  
 interrupta, Recurv. 69  
 interruptella, Anac. 69  
 intimella, Nept. 168  
 Inule, Coleoph. 129  
 Inulella, Apheloseia, 65  
 irradiella, Lithoc. 152  
 irrorea, Erminea, 37  
 irrorella, Depress. 57  
 " Tinea, 37  
 irrorellus, Hyp. 37  
 Isabella, Gelechia, 68  
 Ismene, 108  
 isodactylus, Pteroph. 174  
 I. V-ella, 111  
 I. W-ella, Tinea, 113

## J.

junctella, Gelechia, 77  
 juncticoella, Coleoph. 131  
 Juniperella, Anacamptis,  
 68  
 Juniperi, Recurv. 68  
 Junoniella, Argyrom. 163.

Kilmunella, Elach. 145  
 Klemannella, Lithoc. 166  
 " Tinea, 106,  
 169

Knockella, Tinea, 84  
 Knockella, Tinea, 13  
 Kuhlweinella, Lithoc. 161

Laburnella, Cera. 163  
 lacertella, Gracill. 120  
 lacteella, Cecoph. 99  
 " Laverna, 131  
 lactella, Tinea, 99  
 laconicoella, Coleoph. 130  
 lavigella, Tinea, 9  
 Lambda, Recurr. 97  
 Lambdella, Cecoph. 97  
 Lampronia, 17  
 Lamprosetia, 19  
 lanceolella, Anac. 69  
 langiella, Anybia, 141  
 Lantanelia, Lithoc. 152  
 Lapella, Tinea, 15  
 Laportella, Elach. 161  
 Lappella, Parasia, 86  
 " Tinea, 15

Laricella, Coleoph. 131  
 Laricella, Tinea, 131  
 Latrelliella, Adela, 28  
 " Panc. 103  
 laterella, Tinea, 11  
 lautella, Lithoc. 152  
 Laverna, 137  
 Lefebvriella, Hæmylis, 103  
 Lemmatophila, 2  
 lemniscella, Nept. 171  
 lentiginella, Tinea, 37  
 lentiginosella, Gelechia, 168

lepidella, Gelechia, 84  
 Lepidocera, 6  
 leucata, Erminea, 79  
 leucataella, Gelechia, 78  
 leucapennella, Gracill. 122  
 " Porr. 130  
 leucapennis, Porr. 130  
 leucodactyla, Alucita, 180  
 leucodactylus, Pteroph. 180

Leuwenhoekella, Panc. 102

locupletella, Cecoph. 140  
 lobella, Encostoma, 54  
 Loganella, Ornix, 123  
 longicornis, Gelechia, 70  
 lophyrella, Anac. 139  
 Louisella, Nept. 169  
 Lienigiella, Cosmopt. 135  
 liguella, Gelechia, 81  
 ligulella, Tinea, 81  
 Ligustrinella, Gracill. 122  
 Ligustrinellum, Coriscum, 122  
 lineola, Coleoph. 129

Linnaenella, Tinea, 140  
 Linnaella, Elach. 140  
 Linnaella, Chrysoc. 140  
 lisiella, Tinea, 3  
 Listerella, Anacampsis, 67  
 Listeri, Recurr. 67  
 Lita, 47  
 literella, Argyr. 113  
 Lithocolletis, 151  
 lithodactyla, Alucita, 177  
 lithodactylus, Pteroph. 177  
 Lithospermella, Tinea, 40  
 lithoxyloactylus, Pteroph. 177

litorella, Gelechia, 78  
 liturella, Depress. 56  
 " Tinea, 59  
 liturosa, Depress. 59  
 Lixella, Coleoph. 126  
 Lucasella, Achmia, 106  
 lucella, Cerostoma, 49  
 lucidella, Gelechia, 83  
 lucinispennella, Ornix, 124  
 lucorum, Ypsol. 49  
 luculella, Gelechia, 74  
 luctuella, Anac. 74  
 luctuosella, Lita, 96  
 lugubrella, Hæmylis, 54  
 lunodactyla, Alucita, 178  
 lunodactylus, Pteroph. 178  
 lunaris, Recurr. 97  
 lusciniispennella, Coleoph. 133

" Gracill. 133  
 " Tinea, 139

lutarea, Coleoph. 133  
 " Erminea, 34  
 " Recurr. 71  
 lutarella, Batia, 98  
 luticomella, Elach. 145  
 lutipennella, Coleoph. 133  
 lutulentella, Gelechia, 83  
 Luzella, Lamp. 18  
 Lyellia, Anac. 74  
 Lyonetia, 160

## M.

maculatus, Ypsol. 48  
 maculea, Gelechia, 76  
 maculella, Alucita, 48  
 " Gelechia, 76  
 maculiferella, Gelechia, 76  
 maculipennis, Cerostoma, 43

" Plutella, 44  
 magnificella, Elach. 144  
 Malella, Nept. 170  
 " Tinea, 160  
 malivorella, Ypon. 38  
 Malmella, Tinea, 124

Malveia, Gelechia, 87  
 Manniella, Gelechia, 77  
 masculella, Adela, 18  
 Mansuetella, Micropt. 23  
 marginata, Lithosia, 89  
 marginatus, Grambus, 28  
 marginea, Tisch. 160  
 marginella, Alucita, 89  
 " Tinea, 92  
 marginellus, Ypsol. 89  
 marginipunctella, Dipl. 6  
 marginicoella, Nept. 171  
 marginimaculella, Cecoph. 124

maritima, Buccul. 165  
 marmorea, Gelechia, 77  
 marmorella, Tinea, 18  
 marmorosella, Plutella, 45  
 Maryella, Tinea, 169  
 masculella, Incurv. 19  
 " Tinea, 19  
 maurellus, Chet. 47  
 Mayrella, Coleoph. 124  
 Mays, Tinea, 95  
 mediella, Phycis, 8  
 " Tinea, 9  
 mediellus, Eupl. 8  
 mediofasciella, Tinea, 170  
 mediopectinella, Lep. 7  
 mediopectinellus, Yps. 7  
 megadactyla, Alucita, 173, 174  
 Megeriella, Elach. 147  
 melanella, Tinea, 6  
 meleagripennella, Ornix, 122

" Tinea, 123  
 mendica, Argyr. 110  
 mendicella, Ismene, 110  
 " Tinea, 9  
 Merianella, Tinea, 23  
 Mespiliella, Tinea, 153, 154  
 Messaniella, Lithos. 156  
 Messingella, Eldophasia, 43

metallella, Glyphipt. 142  
 " Tinea, 102  
 metallicilla, Achmia, 107  
 Metallosetia, 124  
 Metaxella, Nemoph. 27  
 Metzneriella, Parasia, 87  
 " Plutella, 97  
 micella, Tinea, 83  
 microdactyla, Tinea, 161  
 microdactylus, Pteroph. 178

Micropteryx, 21  
 microtheriella, Nept. 170  
 mictodactyla, Alucita, 176  
 migadactyla, Alucita, 174  
 migadactylus, Pteroph. 174

minimella, Adela, 33  
 " Elach. 170  
 minimellus, Nemotia, 33  
 minutella, Amaurosetia,  
 96  
 " (Eooph. 95  
 misella, Tinea, 13  
 miocella, Tinea, 84, 138  
 modestella, Asych. 142  
 mostella, Tinea, 18, 96  
 Mostingella, Tinea, 154  
 monachella, Tinea, 9  
 moniliella, Elach. 121  
 " Tinea, 68  
 monodactyla, Alucita, 174  
 " Phal. 178  
 monodactylus, Pteroph.  
 174, 178  
 Monopia, 8  
 Montandonella, Elach.  
 143  
 montulana, Tortrix, 55  
 morosa, Lamp. 17  
 Mouffetella, Gelechia, 79  
 mucronella, Tinea, 49  
 mucronellus, Ypsol. 49  
 mulinella, Gelechia, 69  
 Mullerella, Tinea, 150  
 Mulleriella, Lithoc. 152  
 multipunctella, Incurv. 10  
 mundella, Gelechia, 72  
 murinipennella, Coleoph.  
 130  
 muscella, Incurv. 19  
 " Tinea, 20  
 muscula, Incurv. 20

N.

naviferella, Gelechia, 84  
 nana, Recurv. 79  
 nancella, Gelechia, 79  
 nebula, Anac. 69  
 " Gracill. 123  
 " Recurv. 71  
 nebulella, Cleodora, 138  
 " Elach. 149  
 Nematopogon, 25  
 Nemophora, 25  
 nemorella, Phal. 51  
 nemorum, Ypsol. 45  
 Nemotois, 30, 32  
 nephelodactyla, Alucita,  
 179  
 Nepticula, 166  
 nervosa, Depr. 64  
 Neuropterella, Parasia, 87  
 Nicelli, Lithoc. 158  
 nigra, Gelechia, 68  
 nigrella, Tinea, 146  
 nigrescentella, Lithoc. 162

nigricella, Astryages, 182  
 " Coleoph. 138  
 nigricostella, Gelechia, 83  
 nigripunctella, Tinea, 16  
 nigritella, Gelechia, 83  
 nigrocellella, Micros. 168  
 nigrovittella, Lita, 84  
 nitidella, Argyr. 109  
 nives, Recurv. 84  
 niveella, Tinea, 11  
 niveicostella, Coleoph. 128  
 niveipunctella, Elach. 141  
 nivella, Argyr. 161  
 " Alucita, 11  
 " Anac. 64  
 notatella, Gelechia, 74  
 Nothria, 68, 90  
 Novembris, Diurnea, 3  
 nubilella, Hemyllia, 54  
 nyctemerella, Tinea, 46  
 Nygmia, 36

O.

obliqueella, Elach. 147  
 obscura, Porr. 132  
 obscurella, Astryages, 132  
 " Elach. 147  
 " Tinea, 68  
 obscurepunctella, Peritaea,  
 107  
 obscurus, Pteroph. 175  
 obsoleteella, Gelechia, 78  
 obsoleteus, Pteroph. 179  
 obviella, Tinea, 9  
 occultella, Elach. 146  
 ocella, Ismene, 111  
 ocellana, Depress. 60  
 ochracea, Gracill. 117  
 ochraceella, Laverna, 139  
 " Tinea, 17  
 oehrea, Coleoph. 120  
 ochreella, Elach. 149  
 ochrodactyla, Alucita, 119,  
 173  
 ochrodactylus, Pteroph.  
 173, 178  
 ochroleucella, Astryages,  
 133  
 " Cleodora, 87  
 ochroleucus, Ypsol. 48  
 (Ochsenheimeria, 6  
 Oenoserostomella, Dougl.  
 107  
 Oenoserostoma, 115  
 oculatella, Glyph. 106  
 (Oophora, 85, 94, 95  
 Egocouia, 99  
 (Egopodiella, Agonopty. 63  
 (Parasia, 100, 102  
 Oehlmanni, Incurv. 20

Oinophila, 136  
 olea, Porrect. 107  
 oleella, Aphel. 107  
 olivacella, Coleoph. 139  
 Olivella, Dasye. 94  
 Olivieri, Dasye. 94  
 omisella, Gracill. 120  
 Ononidia, Gracill. 121  
 (Ononiella, Elach. 121  
 Onosmella, Coleoph. 139  
 Opostaga, 161, 163  
 oppositella, Alucita, 95  
 orbitella, Coleoph. 139  
 orbonella, Tinea, 94  
 ornata, Porrect. 120  
 ornatepennella, Ornix, 120  
 " Porrect. 120  
 Orneodes, 181  
 Ornix, 116, 120  
 Orpheella, Bedellia, 134  
 Orthotilia, 53  
 Orthotonia, 83  
 ossea, Erminia, 109  
 osteodactylus, Pteroph.  
 178  
 otidipennella, Coleoph. 139  
 " Ornix, 120  
 Oxyacanthella, Nept. 167  
 Tinea, 24, 36  
 Oxypete, 1

P.

padella, Hyp. 38  
 " Phal. 37  
 " Tinea, 41  
 " Ypon. 38  
 padellus, Hyp. 37  
 " Ypod. 38  
 Padi, Hyp. 39  
 padifoliella, Lyon. 161  
 pallacentella, Tinea, 15  
 palliatella, Tinea, 128  
 pallidactyla, Alucita, 173  
 pallidactylus, Pteroph. 173  
 pallipennella, Ornix, 120  
 pallorella, Depress. 60  
 palpea, Aplota, 89  
 Palpula, 89  
 paludum, Pteroph. 179  
 palustrella, Gelechia, 69  
 palustrellus, Ypsol. 60  
 Pandalia, 100, 102  
 Panzerella, Adela, 26  
 " (Eooph. 95  
 " Phal. 63  
 Panzeri, Capit. 26  
 paradoxa, Tinea, 2  
 Paracemia, 43  
 Parasia, 86  
 parastella, Tinea, 12

- parasetellus*, Eup. 12  
*parenthesella*, Sophr. 90  
     " *Tinea*, 109  
*parenthesellus*, Ypsol. 90  
*parietariella*, *Tinea*, 16  
*paripennella*, Coleoph. 125  
*paripunctella*, *Tinea*, 80  
*parvidactyla*, *Alucita*, 175  
*parvidactylus*, *Pteroph.*  
     175  
*pasella*, *Tinea*, 46  
*Pastinacella*, Depr. 64  
*patriciella*, Elach. 142  
*paucipunctella*, *Gelechia*,  
     67  
*paupella*, *Gelechia*, 85  
*pectinea*, Incurv. 20  
*pectinella*, Incurv. 20  
*pedella*, Stathm. 134  
     " *Tinea*, 38  
*pedisequella*, *Tinea*, 80  
*pellicariapyri*, Phal. 35  
*pellella*, *Gelechia*, 70  
*pellionella*, *Tinea*, 14  
*peloritanaella*, Depr. 62  
*pennella*, *Tinea*, 129  
*pentadactyla*, Phal. 181  
*pentadactylus*, *Pteroph.*  
     180  
*Perittia*, 106  
*perlepidella*, Acrol. 103  
*pernigrella*, *Gelechia*, 68  
*Persicellus*, Hypsol. 49  
*Pfeifferella*, Elach. 143  
*phæodactylus*, *Pteroph.*  
     176  
*phasianipennella*, Gracill.  
     120  
*Phibalocera*, 54  
*Phragmitella*, Laverna, 139  
*phryganella*, Chim. 3  
     " *Chim.* 3  
     " *Diurnea*, 3  
     " *Tinea*, 3  
*phryganoides*, Phal. 30  
*Phycis*, 7  
*Phygas*, 6  
*Phyllocnistis*, 161  
*piecennia*, Porrect. 101  
*picarella*, *Tinea*, 11  
*picipennella*, Gracill. 118  
*pietella*, *Gelechia*, 85  
*pilea*, Capill. 26  
*pillella*, Nemoph. 27  
*pillellus*, Nematop. 27  
*Pilosella*, *Pteroph.* 176  
*pinariella*, Oenoser. 115  
*pinctella*, Batrach. 136  
*Pinipinnella*, Depr. 62  
*piagiocollella*, Nept. 170  
*Platypalla*, 173  
*Pleurota*, 91  
*plumbea*, *Erminea*, 37  
*plumbella*, Gracill. 130  
     " *Tinea*, 36  
     " *Ypon.* 37  
*plumbellus*, Hyp. 36, 77  
*Plutella*, 43  
*Plutellides*, 43  
*Podasella*, *Tinea*, 29  
*Podevinella*, *Tinea*, 22  
*poecilodactyla*, *Alucita*, 182  
*Poeciloptilia*, 116, 124  
*politella*, *Gelechia*, 71  
*pollinariella*, Elach. 149  
*polydactylus*, Orn. 181  
*pomifoliella*, Lithoc. 153  
*Pomonella*, *Argyrom.* 154  
*Populana*, Tortrix, 68  
*Populella*, *Gelechia*, 67  
*populetorum*, Gracill. 118  
*Populi*, Recurv. 68  
*Porrectaria*, 100  
*porrectella*, *Plutella*, 44  
*posticella*, Micros. 170  
*praangusta*, Batrach. 136  
*præcocella*, *Argyr.* 114  
*prælatella*, Lamp. 18  
*pratensis*, Ypsol. 71  
*Prays*, 42  
*propinquella*, Depress. 58  
     " *Laverna*, 137  
*proxima*, Recurv. 77  
*proximella*, *Gelechia*, 73  
*Pruni*, *Erminea*, 109  
*Pruniella*, *Ismene*, 109  
     " *Phal.* 110  
     " *Tinea*, 108  
*Pseudadia*, 40  
*pseudo-bombycella*, Tal. 5  
*Pseudo-spretella*, Ecoph.  
     98  
*Psoricoptera*, 65  
*pterodactyla*, Phal. 177  
*pterodactylus*, Ypsol. 50  
*pterodactylus*, *Pteroph.*  
     177  
*Pterophorina*, 172  
*Pterophorus*, 173  
*ptilodactyla*, *Alucita*, 177  
*ptilodactylus*, *Pteroph.* 177  
*pubicornis*, Cochleoph. 5  
     " *Talep.* 4  
*puella*, *Tinea*, 68  
*pulchella*, Elach. 146  
*pulehrrimella*, Depr. 63  
*pullatella*, Lita. 73, 75  
*pulliginella*, *Gelechia*, 72  
*pulverella*, Hæmylia, 62  
*pulverosella*, Trif. 173  
*pumilella*, *Tinea*, 79  
*punctaurella*, *Tinea*, 162  
*punctella*, Phal. 116  
     " *Tinea*, 11  
*punctidactylus*, *Pteroph.*  
     175  
*punctifera*, Recurv. 80  
*punctulata*, *Tinea* 80  
*purpurascensella*, *Argyr.*  
     109  
*purpuratella*, Adela, 28  
*purpurea*, Depress. 59  
     " *Gracill.* 117  
*purpurella*, Micropt. 24  
     " *Tinea*, 23, 24  
*pusiella*, Anes. 40  
*putridella*, Depress. 61  
*putripennella*, Elach. 139  
*pygmaea*, Acrol. 103  
*Pygmaella*, *Argyr.* 112  
     " *Tinea*, 167  
*Pyralis*, 10  
*pyrausta*, Chalybe, 42  
*pyropella*, *Tinea*, 89  
*pyrrhulipennella*, Coleoph.  
     127  

Q.

*quadrella*, Micros. 144  
     " *Tinea*, 144  
*quadrigrutella*, *Tinea*, 143  
*quadrifuncta*, Ecoc. 99  
*quadrifunctella*, *Tinea*, 17,  
     76, 83  
*quadrupella*, Gracill. 120  
*Quercana*, Phib. 56  
*queretella*, *Argyrom.* 121  
*quercifoliella*, Lithoc. 156  
*queretella*, Gracill. 121  
*queretellum*, Coriscum,  
     121  
*quinqueguttella*, Lithoc.  
     152  
*quinquella*, Nept. 169  

R.

*radiatella*, Cerostoma, 47  
*radiatellus*, Chat. 47  
*radius*, Ypsol. 47  
*Rajella*, Lithoc. 156  
     " *Phal.* 113  
     " *Tinea*, 153  
*Reaumurella*, Adela, 28, 31  
     " *Nemot.* 32  
     " *Tinea*, 31, 32  
*repandella*, *Tinea*, 11  
*resplendella*, *Æchmia*, 107  
*resplendellum*, Tinagma,  
     107  
*reticulella*, *Tinea*, 36  
*retinella*, *Argyr.* 111  
*retusana*, Tortrix, 49

- Reussiella*, Tinea, 80  
*Rhamniella*, Laverna, 139  
*rhamnifoliella*, Elach. 166  
*Rhinosis*, 45, 46  
*rhododactylus*, Pteroph. 173  
*rhodophagella*, Tinea, 132  
*rhombella*, Gelechia, 73  
*rhomboidella*, Chelaris, 88  
*Rhynchosporella*, Elach. 148  
*Rigaella*, Tinea, 11  
*Riganella*, Tinea, 11  
*Robertella*, Adela, 27  
     Phal. 26  
*Robertsonella*, Aplota, 88  
*Roborella*, Argyrom. 151  
*Roborifoliella*, Elach. 151  
*Roboris*, Lithoc. 151  
*Rosella*, Heliod. 141  
*rorea*, Erminea, 38  
*rorella*, Ypon. 39  
*rosicipennia*, Gracill. 119  
*Rosella*, Tinea, 167  
*rosicipennella*, Ornix, 119  
*Roslerstammella*, *Æchmia* 106  
*Roslerstammia*, 104  
*rotundella*, Depr. 62  
*rubicella*, Tinea, 64  
*rubidella*, *Hemylia*, 60  
*Rubiella*, Lamp. 18  
*rubrifasciella*, Tinea, 23  
*rubrosurella*, Lamp. 24  
*Rudolphinella*, Tinea, 136  
*rufella*, Lyonetia, 169  
*rufescens*, Gelechia, 66  
*ruficapitella*, Micros. 187  
     Nept. 167  
*ruficeps*, Rosl. 103  
*rufimitrella*, Adela, 28  
     Incurv. 20  
*rufipennella*, Aphel. 150  
*rufipennis*, Porr. 150  
*rufocruera*, Porr. 149  
*rupella*, Tinea, 10  
*ruricoella*, Tinea, 13  
*rustica*, Recurv. 42  
*rusticella*, Anac. 68  
     Tinea, 9  
  
     S.  
*salaciella*, Opost. 163  
*Salicella*, Dasyt. 3  
*salicicolella*, Lithoc. 154  
*Salicis*, Diurna, 3  
     Nept. 169  
*saligna*, Phylloc. 162  
*Salopiella*, Micropt. 24  
  
*samiatella*, Lyon. 167  
*sarcitea*, Recurv. 100  
*sarcitella*, Phal. 14, 100  
     Tinea, 14, 16  
*sarcitrella*, Phal. 14  
*saturatella*, Coleoph. 128  
*saturella*, Tinea, 9  
*scabidella*, Gelechia, 71  
*Scabionella*, Lithoc. 160  
*Scabiosellus*, Nemot. 32  
     Phal. 32  
*scabrella*, Cerost. 50  
*scaella*, Paecadia, 40  
*Scardia*, 7, 100  
*Schafferella*, Ecoph. 140  
     Phal. 84  
*Schellenbergella*, Tinea, 49  
*Schiffermüllerellus*, Nemo. 33  
*Schiffermüllerella*, Tinea, 33  
*Schmalzella*, Plutella, 45  
*Schmidtella*, Ecoph. 102  
*Schrankella*, Chrysoc. 140  
     Tinea, 94  
*Schreiberella*, Lithoc. 150  
*Schreckensteiniella*, 142  
*Schwarzella*, Tinea, 102  
*Schwarziella*, Nemoph. 26  
*Schwarziellus*, Nematop. 26  
*sciasscolla*, Tinea, 143  
*scitella*, Cam. 163  
*Scopariella*, Lithoc. 156  
*Scoticella*, Ornix, 123  
*scriptella*, Gelechia, 75  
*scutulatella*, Ornix, 123  
*securiferella*, Argyrom. 154  
*Sedella*, Ypon. 36  
*Nedellus*, Ypon. 36  
*Selimella*, Ecoph. 100  
*semialbella*, Aphelos. 149  
*semiargentea*, Phal. 113  
*semiaurella*, Argyr. 161  
*semicostella*, Tinea, 91  
*semifascia*, Gracill. 118  
*semifasciella*, Tinea, 112  
*semifulvella*, Tinea, 16  
*semifusca*, Argyr. 110  
*semilella*, Plutella, 49  
*Semioscopis*, 53  
*semipurpurella*, Ismene, 110  
     Micropt. 24  
*semitestaceella*, Argyr. 109  
*senectella*, Gelechia, 72  
*senescens*, Butalis, 100  
*Seppella*, Micropt. 22  
     Tinea, 105  
  
*Septembrella*, Nept. 168  
*septodactyla*, Alucita, 177  
*sequax*, Recurv. 78  
*sequella*, Cerostoma, 45  
     Adia, 46  
     Tinea, 6, 40  
*sequillus*, Ypsol. 46  
*sericiella*, Tinea, 107  
*sericiellum*, Tinagma, 107  
*Sericiellus*, Nematop. 20  
*sericopeza*, Lyon. 169  
*serotinus*, Pteroph. 176  
*serratella*, Phal. 132  
     Astryges, 142  
*serricornia*, Elach. 148  
*siderella*, Tinea, 6  
*signella*, Tinea, 60  
*signipennella*, Tinea, 119  
*signosa*, Depress. 60  
*silacea*, Recurv. 86, 87  
*silacella*, Cleodora, 86  
*silvella*, Plutella, 48  
*similella*, Ecoph. 98  
*similidactylus*, Pteroph. 177  
*similis*, Gelechia, 72  
*simpiella*, Lita, 66  
*simplicella*, Hecabeia, 100  
     Tinea, 16  
*Sircornella*, Argyrom. 164  
     Gelechia, 82  
*siaymbrella*, Tinea, 47  
*Solenobia*, 4, 5  
*Sollerella*, Adela, 24  
*soliariella*, Coleoph. 133  
*solutella*, Gelechia, 75  
*somnulentella*, *Bedellia*, 131  
*Sophronia*, 90  
*soroculella*, Gelechia, 70  
*Sorbiella*, Argyr. 112  
*Sparganella*, Orthot. 53  
*Sparganellus*, Caulobius, 53  
*Sparmannella*, Alucita, 24  
     Micropt. 24  
*Sparmanniana*, Pyralis, 50  
*sparsella*, Argyr. 112  
*Spartiana*, Tortrix, 50  
*Spartiella*, Tinea, 88  
*spartifoliella*, Cam. 162  
*Sphingiella*, Tinea, 31  
*spilodactylus*, Pteroph. 179  
*spinella*, Tinea, 132  
*spinirolella*, Lithoc. 154  
*spiniella*, Argyr. 110  
*Spinolella*, Lithoc. 155  
*spissicornis*, Porr. 124  
*splendella*, Tinea, 9  
*splendidella*, Coleoph. 142  
*spretella*, Tinea, 16

- spritella, Tinea, 14  
 spuria, Incurv. 30  
 squamatella, Trif. 172  
 Staintoni, Laverna, 168  
 Stannella, Echiia, 107  
 Stannellum, Tinagma, 107  
 Stathmopoda, 134  
 Steinkellnerana, Pyralis, 54  
 Steinkellneriana Semiosc. 53  
 Steinkellneri, Diurna, 54  
 Stenoptera, 94  
 Stenoptilia, 173  
 Stephens, Laverna, 138  
 Stephensella, Micros. 144  
 Stettinensis, Lithoc. 158  
 stigmatella, Gracill. 116  
 stipella, Adela, 18  
 " Phal. 96  
 " Tinea, 120  
 stramineella, Gracill. 117  
 stristella, Tinea, 30, 89  
 striella, Tinea, 30  
 strigifasciella, Argyrom. 159  
 strigilola, Tinea, 171  
 struthionipennella, Ornix, 129  
 sturnipennella, Ornix. 139  
 subammanella, Micropt. 17  
 subaquile, Cecoph. 96  
 subbimaculella, Nept. 168  
 subbistrigella, Laverna, 139  
 subcinerea, Recurv. 67  
 subcuprella, Glypht. 81  
 subdentella, Echiia, 106  
 subfalcata, Harp. 49  
 subfasciella, Telea, 114  
 subnigrella, Elach. 146  
 subocellea, Aphelos. 149  
 " Gelechia, 86  
 subpropinquella, Depress. 58  
 subpurpurella, Micropt. 25  
 subrosea, Recurv. 74  
 subsequeila, Lita, 69  
 substriga, Gracill. 121  
 suffusella, Gelechia, 83  
 " Phylloc. 161  
 sulcatella, Eriocoph. 92  
 sulphurella, Daasc. 24  
 " Tinea, 122  
 sulphurellum, Coriscum, 122  
 sulphureus, Daasc. 94  
 Sulzella, Phal. 30  
 Sulzii, Capill. 28  
 Sulzella, Adela, 28  
 Sulzella, Alucita, 30  
 Sulzerella, Tinea, 38  
 Sulzeriella, Adela, 28  
 Swammerdamella, Capill. 26  
 Swammerdamia, 34  
 Swammerdamia, Pyrella, 35  
 Swammerdammella, Adela 26  
 " Alucita, 25  
 " Nemop. 25  
 " Tinea, 26  
 Swammerdammellus, Nematop. 26  
 Swederella, Gracill. 116  
 Sythropia, 35  
 sylvarum, Ypsol. 48  
 sylvella, Cerostoma, 48  
 " Lithoc. 157  
 Syringella, Gracill. 119  
 taniolella, Gelechia, 82  
 Talaeporia, 4  
 Taleporia, 4  
 tapetzella, Phal. 10  
 tapezana, Pyralis, 10  
 tapezella, Tinea, 10  
 Taurella, Lepid. 7  
 Taurellus, Yps. 7  
 taxella, Gracill. 122  
 Telea, 35, 42  
 tenerella, Gelechia, 68  
 tenebrella, Tinea, 81  
 tenebrosella, Gelechia, 81  
 tenella, Lithoc. 157  
 tenuirostris, Incurv. 20  
 tephradactyla, Alucita, 178  
 tephradactylus, Pteroph. 178  
 taphriditella, Anac. 75  
 terminella, Asychna. 142  
 terrella, Gelechia, 71  
 tessellea, Cap. 5  
 " Coch. 5  
 tesseradactyla, Alucita, 174  
 tesseradactylus, Pteroph. 175  
 testaceella, Tinea, 137  
 testacella, Gracill. 137  
 tetradactyla, Phal. 180  
 tetradactylus, Pteroph. 180  
 tetrapodella, Argyr. 34, 110  
 " Ismene, 108  
 " Phal. 109  
 therinella, Coleoph. 129  
 Theristis, 52  
 Thrasionella, Glyph. 104  
 Thunbergella, Gracill. 116  
 " Tinea, 23  
 Thunbergiana, Tort. 54  
 Thunbergii, Gracill. 116  
 Tiliella, Tinea, 127  
 Tinagnia, 107  
 tinctella, Acompeia, 66  
 " Cecoph. 28  
 " Tinea, 8  
 Tischeria, 150  
 Tityrella, Nept. 170  
 torquatella, Butalis, 101  
 torquiollella, Ornix, 123  
 tostella, Tinea, 53  
 transversella, Parasemia, 43  
 trapezella, Tinea, 10  
 trapeziella, Elach. 146  
 Treitschkiella, Elach. 143  
 tremella, Anac. 75  
 " Tinea, 68  
 Tremulella, Anac. 68  
 triangulella, Tinea, 117  
 triatomea, Elach. 148  
 trichodactyla, Alucita, 175  
 tricolosella, Gelechia, 76  
 tridactyla, Phal. 180  
 tridactylus, Pteroph. 180  
 trifasciella, Elach. 144  
 " Lithoc. 159  
 Trifolii, Damoph. 125  
 " Metali. 125  
 Trifurcula, 171  
 trigona, Gracill. 117  
 trigonodactyla, Alucita, 174  
 trigonodactylus, Pteroph. 174  
 triguttella, Lithoc. 159  
 " Phal. 105  
 trimaculella, Incurv. 96  
 " Tinea, 169  
 tringipennella, Gracill. 119  
 trinotella, Tinea, 71  
 triparella, Gelechia, 80  
 tripuncta, Recurv. 96  
 tripunctella, Incurv. 96  
 " Phal. 15  
 triseriata, Elach. 148  
 trisignella, Cecoph. 96  
 tristella, Butalis, 101  
 tristigella, Lithoc. 158  
 tristrigella, Lithoc. 159  
 Tunbergiana, Pyralis, 54  
 Tunbergella, Micropt. 23  
 Tunbergiana, Pyralis, 54  
 turdipennella, Ornix, 136  
 turpella, Tinea, 100  
 troglodytella, Coleoph. 129

U.

Uliostella, Depress. 56  
ulicicolella, Lithoc. 156  
Ulmella, Buccul. 164  
ulmifoliella, Argyrom. 156  
" Lithoc. 155  
ulminella, Lithoc. 159  
ultimella, Depr. 64  
Umbellana, Depress. 56  
" Pyralis, 65  
Umbellarum, Depress. 56  
Umbellella, Tinea, 61  
umbrosella, Gelechia, 72  
unguiculatus, Ypsol. 90  
unicorella, Lita, 81  
unifasciella, Elach. 147  
unimaculella, Micropt. 24  
unipunctella, Adela, 24  
" Argyrom. 102  
unitella, Ecoph. 98  
upupæpennella, Tinea, 117  
ustella, Phal. 47  
" Tinea, 9  
ustulatus, Ypsol. 48

V.

vaccinella, Tinea, 59  
Vacculella, Ochs. 7  
variabilis, Hyp. 38  
varians, Ypsol. 47  
variella, Alucita, 18  
" Butalis, 101  
" Tinea, 47, 101  
variellus, Chæt. 47  
velocella, Gelechia, 68  
venosa, Depress. 53  
verbascella, Tinea, 90  
Verbascellus, Ypsol. 90  
Verhuellella, Lamp. 19

vestianella, Phal. 130  
" Tinea, 9  
vetustella, Buccul. 165  
V-flava, Olinophila, 136  
vibicella, Coleoph. 196  
vibicigerella, Ornix, 127  
vibicipennella, Ornix, 126  
vicinella, Gelechia, 77  
viduella, Phal. 93  
Vigeliella, Lita, 103  
vigintipunctata, Phal. 36  
vigintipunctatus, Hyp. 36  
vilella, Gelechia, 87  
viminiella, Lithoc. 156  
viminetella, Coleoph. 133  
viminetorum, Lithol. 154  
vindella, Alucita, 30  
" Tinea, 31  
violacea, Gracill. 118  
violacella, Tinea, 167  
viridella, Adela, 30  
" Phal. 31  
" Tinea, 32  
viridis, Capill. 30  
viscerella, Nept. 167  
vitella, Tinea, 46  
vitellus, Chatochilus, 46  
vittata, Alucita, 47  
vittatus, Ypsol. 46  
vitulla, Cerostoma, 46  
" Tinea, 45  
vittellus, Ypsol. 46  
vorticella, Gelechia, 82  
" Phal. 81  
vulgella, Gelechia, 74  
Vulneraria, Coleoph. 127

W.

Walosella, Tinea, 7  
Weirella, Depr. 63

Wockeella, Coleoph. 136  
Woodiella, Ecoph. 97

X.

Xilostella, Phal. 44  
Xylotet, Ypsol. 44  
Xylostella, Cerostoma, 56  
" Phal. 44, 53  
" Tinea, 43  
Xysmatodoma, 6

Y.

Yeatiana, Depress. 60  
" Tortrix, 67  
Yeatiana, Depress. 61  
Yeatli, Depress. 61  
Yponomeuta, 36  
Ypsolophus, 45, 89

Z.

Zeeella, Tinea, 86  
Zebrella, Lita, 70  
Zelleria, 116  
Zephyrella, Anac. 65  
" Hæmylla, 71  
" Tinea, 59  
Zieglerella, Tinea, 135  
Zinckella, Tinea, 86  
Zinckella, Glyphipt. 85  
Zinckenii, Tinea, 20  
zomariella, Elach. 147  
zonella, Ecoph. 105  
zoologella, Tinea, 15  
zophodactylus, Pteroph. 176









